

# St Denys Primary School



**Year 5 and Year 6**

**Home Learning**

**Week beginning:  
6<sup>th</sup> July 2020**

**Creativity, Choice, Challenge  
Achievement for All**



# Year 5 and Year 6 - Home Learning

Whilst we are not expecting you to replicate school at home, it will be important that you all try to do some work each school day to keep your skills up.

And don't forget to stay active!




In this booklet you will find a range of different activities and tasks that you can choose to complete during the week.

There is also a separate booklet for each class that will contain your new spelling words and your daily Times Table Rockstar challenge. These can be collected from the school office or downloaded online.

Each morning your teacher will still be saying 'Hello' on Class Dojo. You'll also be able to ask any questions or just them about what you have been up to! As your teachers will be in school, remember they might not be able to respond straight away. You will still be able to post things to your Class Dojo portfolio but it might not always be your teacher who approves and leaves comments for you.




**Class 5, if you want to try some online lessons, check out BBC Bitesize.**

Year 5/ P6 online lessons						Bitesize Daily lessons			
Monday 6 July - Friday 10 July									
Monday		Tuesday		Wednesday		Thursday		Friday	
English Reading and using a text		English Romeo and Juliet		English The Tempest		English Shakespeare reimagined: Henry V: A Soldier's Tale		English Reading lesson: TBC	
Maths Distinguish between regular and irregular polygons		Maths Identify 3-D shapes from 2-D representations		Maths Reflection		Maths Translation		Maths Challenge of the week	
Arts Week Musical performance		Arts Week Artists and art		Arts Week Drama and theatre		Arts Week Singing and wellbeing		Arts Week Ten pieces takeover	
Find all this content and more at: <a href="https://bbc.co.uk/bitesize/dailylessons">bbc.co.uk/bitesize/dailylessons</a>									

**Lessons are available daily. Here is the schedule for this week.**



**Class 6, if you want to try some online lessons, check out BBC Bitesize.**

Year 6/ P7 online lessons					
Monday 6 July - Friday 10 July				BBC Bitesize Daily lessons	
Monday	Tuesday	Wednesday	Thursday	Friday	
<b>English</b> Reading, analysing and using a text	<b>English</b> The Tempest	<b>English</b> Twelfth Night	<b>English</b> Shakespeare reimagined: Romeo vs Juliet	<b>English</b> Reading lesson: TBC	
<b>Maths</b> Calculate angles, including vertically opposite angles	<b>Maths</b> Angles in triangles	<b>Maths</b> Angles in quadrilaterals	<b>Maths</b> Angles in polygons	<b>Maths</b> Challenge of the week	
<b>Arts Week</b> Musical performance	<b>Arts Week</b> Artists and art	<b>Arts Week</b> Drama and theatre	<b>Arts Week</b> Singing and wellbeing	<b>Arts Week</b> Ten pieces takeover	
Find all this content and more at: <a href="https://bbc.co.uk/bitesize/dailylessons">bbc.co.uk/bitesize/dailylessons</a>					

**Lessons are available daily. Here is the schedule for this week.**

A	B	C	D	E	F	G	H	I	J	K	L	M	
Z	<h1>Year 5 and Year 6 Spelling Words</h1>												A
Y													B
X	accommodate	correspond	identity	queue									C
W	accompany	criticise	immediate (ly)	recognise									D
V	according	curiosity	individual	recommend									E
U	achieve	definite	interfere	relevant									F
T	aggressive	desperate	interrupt	restaurant									G
S	amateur	determined	language	rhyme									H
R	ancient	develop	leisure	rhythm									I
Q	apparent	dictionary	lightning	sacrifice									J
P	appreciate	disastrous	marvellous	secretary									K
O	attached	embarrass	mischievous	shoulder									L
N	available	environment	muscle	signature									M
A	average	equip (-ed, -ment)	necessary	sincere (ly)									N
B	awkward	especially	neighbour	soldier									O
C	bargain	exaggerate	nuisance	stomach									P
	bruise	excellent	occupy	sufficient									
	category	existence	occur	suggest									
	cemetery	explanation	opportunity	symbol									
	committee	familiar	parliament	system									
	communicate	foreign	persuade	temperature									
	community	forty	physical	thorough									
	competition	frequently	prejudice	twelfth									
	conscience	government	privilege	variety									
	conscious	guarantee	profession	vegetable									
	controversy	harass	programme	vehicle									
	convenience	hindrance	pronunciation	yacht									
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

Colour in the word if you can read it, spell it and use it in your own sentence.

Y5/6 Spellings Word Search

a	i	d	h	m	u	s	c	l	e	o	a
i	h	r	l	a	d	o	m	j	l	d	g
i	r	z	o	c	c	u	r	w	e	u	g
s	u	n	p	c	j	g	k	n	i	f	r
d	i	s	a	s	t	r	o	u	s	l	e
o	o	w	d	x	d	u	i	u	e	s	
a	n	c	i	e	n	t	y	x	r	q	s
h	a	z	y	a	w	t	s	r	e	g	i
i	t	q	t	h	o	r	o	u	g	h	v
i	d	e	n	t	i	t	y	p	d	e	e
u	o	s	r	e	c	o	m	e	n	d	
j	v	e	h	i	c	l	e	c	p	n	z

- |            |            |
|------------|------------|
| vehicle    | muscle     |
| thorough   | identity   |
| aggressive | disastrous |
| leisure    | recommend  |
| occur      | ancient    |

Y5/6 Spellings Word Search

f	i	d	g	f	q	r	v	l	l	j	y
s	a	c	r	i	f	i	c	e	s	i	q
o	m	c	j	z	d	r	v	a	b	c	
l	r	i	b	v	e	h	i	c	i	s	o
d	e	f	r	q	t	y	n	e	m	e	m
i	l	w	z	p	e	m	t	m	a	c	m
e	e	d	e	g	r	e	e	c	r	i	
r	v	u	a	r	m	g	r	t	h	e	t
j	a	q	y	r	i	g	r	e	i	t	t
l	n	u	q	k	n	p	u	r	e	a	e
m	t	k	r	v	e	m	p	y	v	r	e
m	d	r	e	u	d	e	t	a	e	y	t

- |           |            |
|-----------|------------|
| relevant  | committee  |
| cemetery  | soldier    |
| sacrifice | interrupt  |
| achieve   | secretary  |
| rhyme     | determined |

# Weekly Writing Challenge

This week, you are going to plan and write a short story. The idea for your story is '**The Suitcase**'.

Imagine you find an old suitcase in a dusty attic. Describe the things that you find inside.

## Things to think about:

- How old are the objects?
- What do the objects look like?
- Who do you think the suitcase may have belonged to?
- What are you going to do with the suitcase and the contents?
- What type of story will this be? Mystery? Adventure? Scary? Science fiction?



## Remember to:

- Plan your story with a beginning, middle and end. How are you going to hook the reader at the start? Create a storyboard to tell your story.
- Organise your ideas into paragraphs.
- Choose your words carefully to entertain the reader.
- Write in sentences. Try to think of really good descriptive words to use.
- Pay attention to your spelling and punctuation.
- Read, check and edit your work carefully.
- Decide how you are going to publish your story: writing it out, typing it, making a book?



# The Suitcase

**1.**

**2.**

**3.**

**4.**

**5.**

**6.**

**7.**

**8.**





Handwriting practice lines consisting of 20 horizontal lines.



Handwriting practice lines consisting of 8 horizontal lines.



## Spider Species Named After Greta Thunberg

### What are huntsman spiders?

- Huntsman spiders are found in tropical regions of the world.
- They are different from other spiders as their eyes are in two rows.

A new **species** of huntsman spider has been named after **climate change campaigner** Greta Thunberg. It was discovered on Madagascar, a large island in the Indian Ocean.

It's not the first time that a scientist has named a newly discovered creature after Greta. A beetle and a snail have also been named after the Swedish activist.

It's not the first time that spider expert Peter Jaeger has discovered the creature. In fact, this is the 400<sup>th</sup> species of spider he's found!

Peter, however, isn't the only scientist to name animals after well-known people or characters. In 2017, a new monkey species was named the Skywalker hoolock gibbon, a character from the Star Wars movies.

So, who is Greta Thunberg and why are creatures being named after her?

In the summer of 2018, she became famous for her protests outside the Swedish parliament. She did this because she wanted politicians to do more about climate change. Every Friday, Greta would miss school to protest.

Her campaigning, though, hasn't just been in her home country, Sweden. Last year, Greta visited different countries to talk about climate change.

In April 2019, she visited the Houses of Parliament in the UK to urge politicians to do more about climate change. Then, in August, she sailed across the Atlantic Ocean to attend

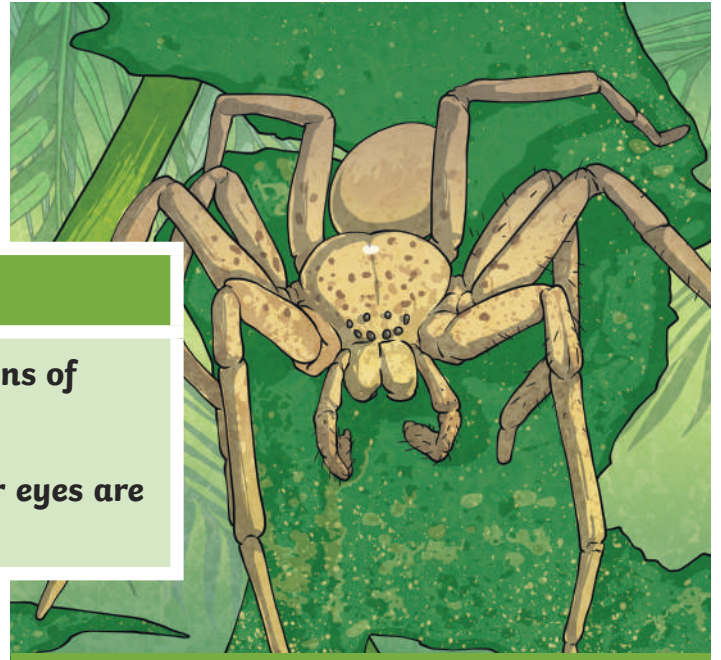


Illustration: The spider named after Greta Thunberg.

meetings in the USA. At the end of last year, a magazine called TIME said that Greta had won their Person of the Year in 2019 award. They said she won because she showed "us all what it might look like when a new **generation** leads".

Now, Peter has chosen to name his spider after Greta because he was inspired by her campaigning. He said, "Her commitment to the fight against climate change and for a better future on our planet is impressive."

As the list of species named after Greta increases, who knows which new animals will be named after her next?

### Glossary

<b>species</b>	Living things that have similar characteristics and produce young.
<b>climate change</b>	The rising temperature and changes in weather over a long period of time.
<b>campaigner</b>	Someone who works towards a specific aim.
<b>generation</b>	A group of people who are of a similar age.



# Questions

1. Peter Jaeger is experienced at uncovering new spider species. Find and copy a piece of evidence that shows this.

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2. Find and copy two other animals that have been named after Greta Thunberg.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. Do you think Greta should have missed school to protest? Explain your opinion.

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4. Number the following events from 1-4 in the order they occurred. The first has been done for you.

☐ Greta visited the UK.

☐ Greta sailed to the USA.

☐ Greta was named TIME Person of the Year.

☒ 1 Greta Thunberg protested outside the Swedish parliament.

5. 'He said, "Her commitment to the fight against climate change and for a better future on our planet is impressive."'

Tick the word that is closest in meaning to 'commitment'.

☐ determination

☐ helped

☐ reluctance

☐ understanding

6. Do you think more species will be named after Greta Thunberg? Explain your answer using evidence from the story.

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# Football-Themed Code Breaker

Solve the calculations and use the code breaker to spell out football-themed words.

A	B	C	D	E	F	G	H	I	J	K	L	M
6	15	21	5	13	24	18	7	12	1	25	19	9

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
22	16	11	26	2	17	20	3	10	8	14	23	4

1.	Answer	Letter
500 ÷ 100		
1300 ÷ 100		
2400 ÷ 100		
1.3 × 10		
220 ÷ 10		
5000 ÷ 1000		
13000 ÷ 1000		
0.02 × 100		

4.	Answer	Letter
150 ÷ 10		
0.06 × 100		
0.19 × 100		
190 ÷ 10		

5.	Answer	Letter
25000 ÷ 1000		
120 ÷ 10		
2100 ÷ 100		
2.5 × 10		

6.	Answer	Letter
0.018 × 1000		
1.6 × 10		
600 ÷ 100		
0.019 × 1000		
0.25 × 100		
0.013 × 1000		
13000 ÷ 1000		
0.11 × 100		
13 × 1		
0.02 × 100		

2.	Answer	Letter
9000 ÷ 1000		
0.06 × 100		
200 ÷ 10		
0.21 × 100		
70 ÷ 10		

3.	Answer	Letter
200 ÷ 100		
130 ÷ 10		
2.4 × 10		
0.13 × 100		
0.2 × 10		
1300 ÷ 100		
1.3 × 10		

# Maths Activity Mat

## Section 1

Order these numbers from smallest to largest:  
576 094, 567 094, 576 904, 567 904

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## Section 2

Round these numbers to the nearest 100 000:

367 562	→	
453 378	→	

## Section 3

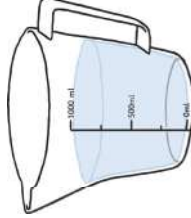
Use the < and > signs to compare the numbers.

48 701		48 710
81 010		80 999

## Section 4

Convert these measurements from litres to millilitres:

12.43l =	
6.8l =	



## Section 5

Draw lines to show which fractions, decimals and percentages match.

$\frac{7}{10}$	40%	0.01
$\frac{2}{5}$	1%	0.7
$\frac{1}{100}$	70%	0.4

## Section 6

Complete these calculations:

$6396 \div 3 =$	
$1333 \times 2 =$	

## Section 7

A shop assistant sold £845 worth of perfume. This was £258 more than yesterday. How much did she sell yesterday?

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## Section 8

Write these Roman numerals as digits:

CCLXVI	
CCCLXXIV	



# Football-Themed Mental Subtraction Mosaic

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

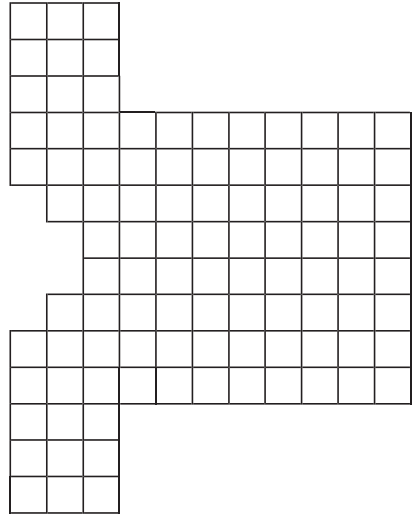
green =			white =			black =		
0 to 2000			2001 to 3000			3001 to 5000		
1380 – 870	8100 – 6900	1290 – 85	4440 – 560	6780 – 3300	4440 – 2000	3380 – 1480	7100 – 6200	3290 – 1300
6660 – 5100	8550 – 7300	9200 – 6100	9780 – 6000	4380 – 500	3030 – 900	4990 – 2500	7660 – 5670	7550 – 5560
5980 – 4440	3890 – 1500	9230 – 6500	8800 – 6500	9000 – 6600	3360 – 1000	3680 – 900	4000 – 750	4980 – 2990
3230 – 750	5500 – 3400	7300 – 5000	9300 – 6800	5470 – 1100	9600 – 6700	3480 – 1200	8950 – 5000	6950 – 3300
4940 – 2300	3850 – 1000	4390 – 2200	6780 – 1800	9780 – 5000	8380 – 4000	7490 – 5000	7840 – 5300	8800 – 5400
9890 – 5500	7120 – 4900	9340 – 6500	5580 – 900	6000 – 1220	5780 – 1800	9360 – 6530	4870 – 2400	5380 – 2600
7440 – 2900	7000 – 2290	5290 – 2300	6000 – 3480	9780 – 5200	5480 – 2600	7000 – 4100	2990 – 540	9000 – 6490
2380 – 870	6760 – 2000	9830 – 7500	3780 – 1100	5580 – 3100	3000 – 220	5500 – 2100	4000 – 1220	3290 – 1900
5660 – 5100	9100 – 7900	3670 – 1300	4990 – 2100	8300 – 4900	4500 – 1220	5700 – 2400	7100 – 6700	7550 – 5860
5980 – 4540	9550 – 7800	2290 – 300	4890 – 2230	3430 – 1100	5600 – 2110	3380 – 1980	7660 – 6170	4980 – 3590

**Challenge:** Write five different calculations involving subtracting a multiple of 10 which give an answer of 737.

# Football Shirt Stained-Glass Fractions

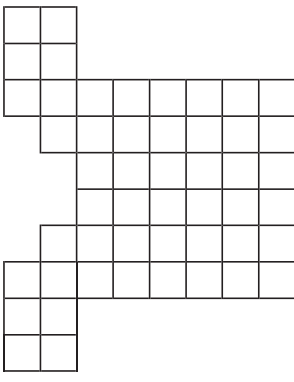
Colour the football shirt, stained-glass fraction windows to match the fractions listed.

1.



Fraction	Blue	Red	Green	Yellow	White
	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{1}{10}$	$\frac{1}{20}$
Number of parts					

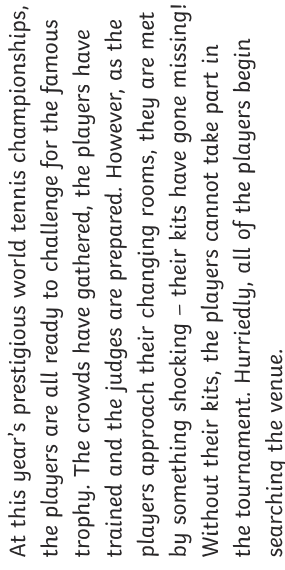
2.



Fraction	Blue	Red	Green	Yellow
	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{1}{10}$	$\frac{3}{10}$
Number of parts				

# The Mystery of the Missing Tennis Kit

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Can you solve the problems and reveal which player discovers the whereabouts of the missing kits?

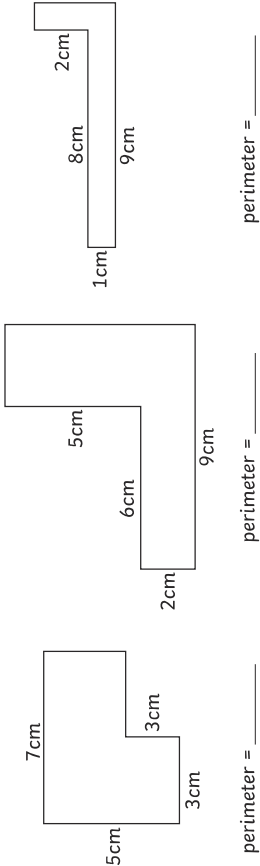
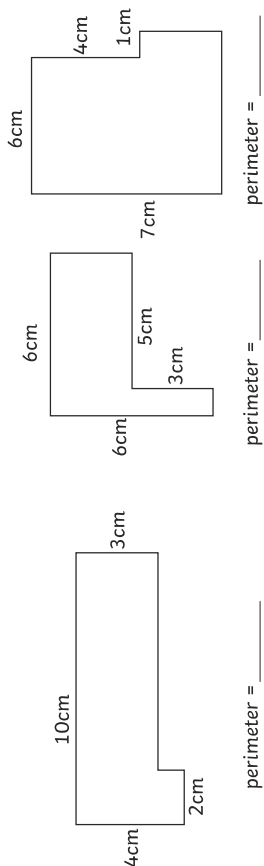
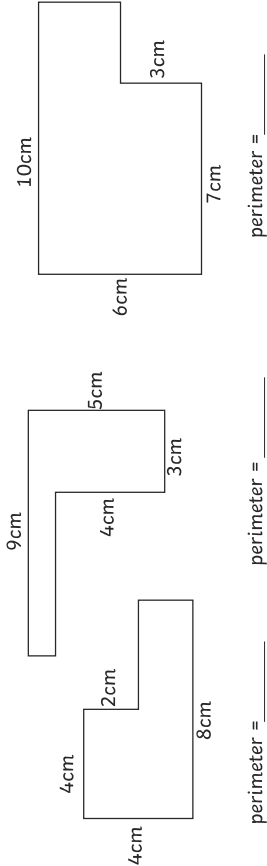
A stylized illustration of a Black female tennis player in a dynamic, mid-action pose. She is wearing a white tank top, brown leggings, and black and white sneakers. She holds a tennis racket in her right hand and has her left arm raised. The background consists of a large green circle and a smaller orange circle.



Clue 1: Perimeter of Rectilinear Shapes

Calculate the perimeter of each rectilinear shape.

The solution that occurs the most will reveal a clue about who finds the tennis kits.



24cm	28cm	32cm
The player doesn't come from South America.	The player doesn't come from North America.	The player doesn't come from Africa.

Clue: The player who finds the kits doesn't come from \_\_\_\_\_.

Player	Gender	Continent	Age	Kit Colour	Tennis Skill
Anna Avraham	Female	Asia	24	Red	Serve
Bailey Brown	Male	Europe	22	Green	Volley
Chow Chu	Female	Asia	20	White	Slice
Daniel Diaz	Male	South America	21	Blue	Speed
Elif Earl	Female	Australasia	27	Purple	Backhand
Felix Falade	Male	Africa	31	Black	Slice
George Gonzales	Male	North America	35	White	Serve
Harnam Hafeez	Female	Australasia	25	Green	Volley
India Ings	Female	Europe	30	Purple	Serve
Joshua Jelani	Male	Africa	21	White	Slice
Kuljeet Kimura	Female	Asia	23	Green	Volley
Li Lopez	Male	South America	24	Black	Speed
Matt Martin	Male	Australasia	34	Blue	Backhand
Nikita Naylor	Female	North America	31	Black	Slice
Odetta Otto	Female	Europe	30	Green	Serve
Preet Patel	Male	Asia	20	Purple	Volley
Queenie Quarrie	Female	Australasia	19	Blue	Backhand
Rehan Romero	Male	South America	23	White	Serve
Sophie Selassie	Female	Africa	22	Black	Speed
Thierry Toussaint	Male	Europe	32	Purple	Volley
Violet Vera	Female	North America	27	Blue	Speed
Wen Wu	Female	Asia	24	Black	Slice

The player who is responsible for finding the missing kits is \_\_\_\_\_.

Clue 2: Equivalent Measures

Colour in the correct equivalent measures and then find a path through the maze. You can only move horizontally or vertically through the maze.

The path will reveal a clue about the special skill of the player who finds the kits.

Start	1.09l = 1090ml	6.37km = 6370m	56g = 0.056kg	12mm = 0.12cm
4.7kg = 4700g	6mm = 0.6cm	334ml = 3.34l	509cm = 5.09m	578m = 0.578km
2.09km = 2090m	12.6m = 126cm	670mm = 0.67m	0.7kg = 70g	5.06l = 5060ml
2.34m = 234mm	45ml = 0.045l	930g = 0.93kg	1600m = 1.6km	45m = 4500cm
25kg = 25 000g	34cm = 340mm	6.32km = 632m	0.03m = 3cm	6ml = 0.06l
250ml = $\frac{1}{4}$ l	39cm = 0.39mm	$\frac{3}{4}$ m = 75cm	1.75kg = 175g	890m = 0.89km
The player's special skill is not a serve or volley.	The player's special skill is not a backhand or slice.	The player's special skill is not speed or a slice.	The player's special skill is not a volley or backhand.	The player's special skill is not speed or a serve.

Clue: The special skill of the player who finds the kits is not a \_\_\_\_\_.



Clue 3: Measuring Angles

Measure each angle and match them to the correct answers.

The one remaining answer box will tell you a clue about the player who finds the kits.

	<b>121°</b> The player's kit is blue or black.		<b>49°</b> The player's kit is green or black.		<b>104°</b> The player's kit is green or blue.
	<b>57°</b> The player's kit is white or blue.		<b>75°</b> The player's kit is green or purple.		<b>64°</b> The player's kit is blue or white.
	<b>82°</b> The player's kit is purple or white.		<b>115°</b> The player's kit is black or purple.		<b>37°</b> The player's kit is white or green.

Clue: The player who finds the kits has a \_\_\_\_\_ or \_\_\_\_\_ kit.

Clue 4: Prime and Composite Numbers

Look at these maths statements and decide whether they are true or false. If it is true, put a tick. If it is false, put a cross.

Count the number of ticks and crosses.

If there are more ticks than crosses, the player who finds the kits is male.

If there are more crosses than ticks, the player who finds the kits is female.

	True ✓	False ✕
2 is a prime number.		
23 is the only prime number between 20 and 30.		
15, 16 and 17 are all composite numbers.		
The next prime number after 50 is 53.		
There are 3 prime numbers between 1 and 10.		
The prime numbers between 30 and 40 are 31 and 37.		
67 is a composite number.		
The largest prime number less than 100 is 97.		
2 and 3 are the only consecutive prime numbers.		
Total		

Clue: The player who finds the kits is male/female.  
(Circle the correct answer.)



Clue 5: Shape

In each row, find the statement that is not correct.

The column with the most incorrect statements will tell you the age of the player who finds the kits.

	Every angle in this shape is a right angle.	This shape has six equal sides.	This shape has six lines of symmetry.
	In this shape, opposite sides are equal.	This shape has four right angles.	This is a regular shape.
	This is an octagon.	All the sides in this shape are equal.	This shape has four lines of symmetry.
	This is a trapezium.	This shape has one pair of parallel sides.	This is a regular shape.
	This shape has no lines of symmetry.	All the sides in this shape are equal.	This shape has one right angle.
	This shape has no lines of symmetry.	This shape has five equal sides.	Each angle in this shape is 108°.
	Opposite sides in this shape are parallel.	Opposite angles in this shape are equal.	This shape has two lines of symmetry.
	19-24	25-30	31-35

Clue: The player who finds the kits is aged \_\_\_\_\_.

# MORNING STAR

## GIANT HURRICANE FOUND ON SATURN

Scientists at NASA say a giant hurricane on Saturn, 1500 miles wide, has been photographed by their roving spacecraft, Cassini.

Cassini, which was launched way back in 2004, has been snapping all sorts of amazing images during its 77 000mph journey through our solar system but its latest pictures have sent the space-science community into an intergalactic spin!

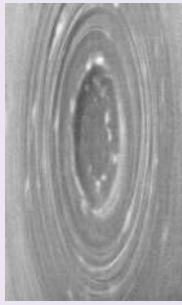


On April 26, 2017, the spacecraft dived down between Saturn and its innermost rings, and what it photographed astounded scientists back on Earth.

"We did a double take when we saw this... because it looks so much like a hurricane on Earth," Andrew Ingersoll (a NASA team member) explained.

The hurricane, which is about as wide as the continent of Europe, has probably been churning for years, sometimes at speeds of up to 330mph!

Scientists have long known about Saturn's violent weather patterns. In 1980, NASA's space probe, Voyager, measured winds at 1,100mph – which is about the same speed as an RAF Tornado fighter plane! Plus, keen-eyed astronomers have witnessed storms the



size of Earth, using powerful telescopes. But it is Cassini's ability to get close and photograph the hurricane that has delighted scientists the world over.

1. How fast did Cassini travel on its way through the solar system?

2. How wide is the hurricane that Cassini photographed? Tick two.

1500 miles

☐

the width of Earth

☐

77000 miles

☐

the width of the continent of Europe

☐

3. '...its latest pictures have sent the space-science community into an intergalactic spin!'

a) Think about what types of people might make up the space-science community. Write down two of them:

\_\_\_\_\_

b) According to the report, the pictures of the giant hurricane on Saturn have sent them into an 'intergalactic spin'. What do you think it means by this?

\_\_\_\_\_

4. It took NASA years to build Cassini, then 13 years for it to reach Saturn. Millions of dollars have been spent on it. Imagine you are the Head Scientist at NASA in charge of the Cassini mission. You have been asked to say some words on TV about the photos of the giant hurricane and how you feel about them:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## SPaG Mat

**a**

Add an appropriate relative clause to this sentence, adding in the correct punctuation.

The magician

\_\_\_\_\_ was performing at a birthday party.



**c**

Circle both of the adverbs in this sentence.

Tomorrow, Gita will proudly represent her athletics club in the county competition.

**e**

Can you think of the silent letter word to match the definition?

A piece of land surrounded by water. \_\_\_\_\_

A medieval soldier that wore armour. \_\_\_\_\_

**b**

Look at the choices of words within the brackets. Circle the correct word to fit the sentence.

Shivering and cold, the children tried to block the (draft/draught) that was coming from under the door.

The businesswoman had made a sizable (prophet/profit) on her investment.

**d**

Mr Whoops has accidentally jumbled two adjectives that he uses to describe his fantastic yet naughty new puppy. Can you help him to unjumble them?

MSCHEIUSOVI

SLLMAVREUO



**f**

Rearrange this sentence so that it has a fronted adverbial. Don't forget the correct punctuation.

The racehorses picked up speed to try to win the race as they neared the finish line.





# Spot Mr Whoops' Mistakes

Mr Whoops is a little bit clumsy...OK, OK, he's a lot clumsy! Even though he's really trying hard with his writing, he's still accidentally misspelt 13 of his Y5/Y6 key spelling words. Can you spot his mistakes?

Highlight them in the passage of text.

Could you then correct the words at the bottom of the sheet and create Whoops to practise?



## Activity 3

Monday April 1<sup>st</sup>  
Dear Diary,

I hate April Fools' Day! I have to spend my whole day looking over my shoulder waiting for my mischevous naybour, Peter Pest, to play one of his usual pathetic tricks! He's a complete hinderence with absolutely no consunce, even when he manages to embaras the people on his own street. According to him, we should all have a better sense of humour - what a joke! This year, my day started when I walked out of my house to one of Peter's familiar daft grins, so straight away, I knew he was up to something. I wearily had a thourar look around for any signs that might sugestt trouble but I didn't notice anything...that was until I opened my viercule door. He'd managed to inturfear with my car and had attached a cream pie inside. So as I opened it...SPLAT...the pie launched straight into my face. You just wait for next year, Peter Pest!

Mr. Whoops needs to practise these words:



Oooooo...did I not spell these correctly? Whoops!

# Fix the Sentence



Can you help Mr Whoops to fix these sentences?

before every spelling test i trying to memorate each word but I often do'nt get full marks?	
Are healthy took shop which cells a range of nutritious snacks were open for busyness every morning brake.	
in his briefcase the spesial agent was kepted all of his confidenshul documents!	

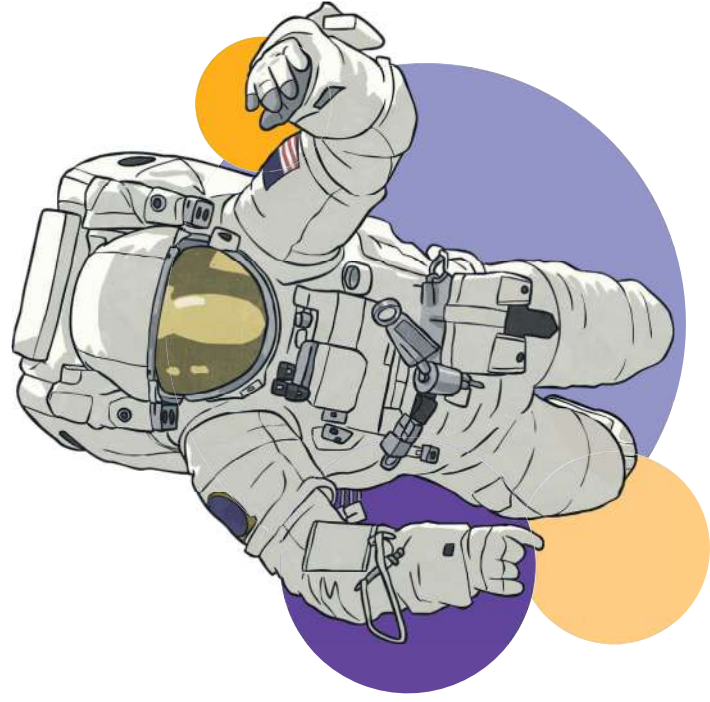
# The Mystery of the Stolen Spacesuit

A serious crime has been committed before the launch of the space shuttle to Mars. It is the night before the rocket is due to launch and everything has been prepared and packed. When the astronauts went in to do their final checks, one of them found that their spacesuit was missing and saw a remarkably similar one appear on a well-known auction site!

As the Detective Chief Inspector, it is your job to find out who has stolen the suit. Your officers have taken down the names and descriptions of the thirty astronauts who were training during the day.

There are also five clues that have been left. To crack the case, you will need to solve each clue and check the information against the list of names.

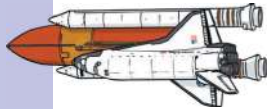
**Good luck!**



## The Astronaut Descriptions

Name	Gender	Nationality	Colour of Uniform	Wear Glasses?	Age
Astrid Asteroid	female	Russian	orange	Y	31
Aurora Astro	female	American	navy blue	Y	32
Apollo Atom	male	British	silver	N	24
Belinda Bright	female	American	navy blue	N	26
Comet Crater	male	Chinese	navy blue	N	35
Carina Cosmo	female	Chinese	silver	N	46
Cassiopeia Celeste	female	British	orange	N	29
Draco Day	male	British	silver	Y	36
Eos Eclipse	male	Russian	silver	Y	36
Esther Earthshine	female	American	navy blue	N	33
Halo Hypernova	male	British	silver	N	45
Helene Hubble	female	American	orange	Y	41
Juno Jupiter	female	British	orange	N	39
Leo Lightyear	male	Russian	navy blue	Y	38
Luna Lunar	female	British	navy blue	N	28
Lyra Light	female	British	navy blue	Y	26
Mars Molecule	male	Russian	orange	N	25
Mercury Meteor	male	Chinese	silver	Y	29
Miranda Moon	female	Chinese	orange	Y	39
Norma Nebula	female	American	silver	N	31
Nysa Neutrino	male	American	silver	N	41
Orion Orbit	male	Chinese	navy blue	N	45
Phoenix Pulsar	male	British	silver	Y	34
Portia Pluto	female	Russian	silver	N	35
Rhea Radiant	female	American	orange	N	33
Rocket Red	male	Russian	orange	N	38
Themis Totality	male	British	silver	N	37
Triton Twinkle	male	Chinese	navy blue	Y	29
Venus Van Allen	female	American	orange	N	45
Wolf White	male	British	silver	Y	29

Clue 1: Space Sentences



These space sentences have been written with parentheses. Check which ones have the correct punctuation (it could be commas, brackets or dashes). If there are more ticks, then the culprit is male. If there are more crosses, then the culprit is female.

Space Sentence	✓ or ✕
The astronauts, who come from all over the world have prepared for this mission for months.	
"I have waited for this chance for years," said one of the astronauts – she was actually one of the older astronauts.	
Unfortunately, the space food (most of the astronauts dislike) has disappeared from the storage cupboard.	
Mission control, which is located in Paris, has delayed the take-off.	
Tom Peek – one of the British astronauts has eaten all of the space food.	
Luckily, the Space Agency stored extra food in a safe place they kept this a secret.	
Finally, the spare food (mainly baked beans) has been packed into the rocket.	
The rocket, with its extra food stores, has taken off safely.	

There were \_\_\_\_\_ crosses and \_\_\_\_\_ ticks.

There were more \_\_\_\_\_ so the culprit is male/female.

Clue 2: Spacesuit Suffix Sort-Out!

With all the chaos this police investigation has caused, the uniforms have been muddled up! In order to help prepare for takeoff, you need to match the nouns and adjectives to the correct suffix to form a verb. Whichever suffix has the most matching words will reveal the colour of the culprit's uniform.

Remember: sometimes the root word will need to be altered before the suffix is added.

pollen

alien

vandal

fertile

final

advert

solid

test

elastic

intense

-ate  
navy blue

-ify  
orange

-ise  
silver

The suffix with the most root words is \_\_\_\_\_, so the culprit's uniform is \_\_\_\_\_.

Clue 3: Super Space Synonyms

While they wait for the mystery to be solved, the astronauts have been thinking of exciting synonyms for different words. Whichever nationality of astronauts have thought of the most synonyms for their word will reveal the nationality of the culprit.

- diminutive

unhurried

colossal
- turbo

minuscule


mountainous
- steady

speedy


swift
- zippy


nanoscopic

gargantuan





big






small





slow





fast



Clue 4: Avoid the Active Asteroids



Find your way through this vortex of sentences by following the pathway of passive sentences (up, down, left and right) and avoiding the active asteroids. At the end of your journey you will discover whether the culprit wears glasses or not.

Start

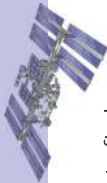
The spacesuit was taken by one of the astronauts.	The mission was delayed by the incident.	Rocket Red ate the space food.	The delayed mission devastated Orion Orbit.
The incident delayed the mission.	The culprit will be discovered by the Detective Chief Inspector.	One of the astronauts took the spacesuit.	Esther Earthshine lost the navy blue uniforms.
The Detective Chief Inspector will discover the culprit.	The space food was eaten by Rocket Red.	Carina Cosmo is the oldest astronaut on the mission.	Lyra Light spotted the spacesuit on a well-known auction site.
Apollo Atom is the youngest person to ever join astronaut training.	Orion Orbit was devastated by the delayed mission.	The navy blue uniforms were lost by Esther Earthshine.	Juno Jupiter has been on five missions in the past.
Norma Nebular packed the silver uniforms.	During the mission, the astronauts will receive regular messages from home.	The spacesuit was spotted on a well-known auction site by Lyra Light.	The rocket will orbit the planet for 40 days and nights.



The nationality of the astronauts who found the most synonyms was \_\_\_\_\_.

The culprit wears/does not wear glasses.

Clue 5: Hyphens Go into Hyperdrive



The astronauts have been writing about their time in space. They have tried to use hyphenated words but some have got confused. Check these sentences to find which ones are correct. If they are, give them a tick. If they are incorrect, give them a cross.

If you have more ticks, then the culprit is more than 30 years old. If you have more crosses, then the culprit is less than 30 years old.

Space Sentence	✓ or X
During my first mission, we saw thirty-one large asteroids one day.	
Taking-off is the most dangerous part of any space mission.	
It can be difficult not to be bad-tempered when spending a lot of time in space with the same people.	
On my last mission, I worked with the all knowing Belinda Bright.	
As we headed back home, I was hopeful that our reentry into the Earth's atmosphere would go smoothly.	
I was sent on a spacewalk to re-cover some exposed electrical wires.	
Before any mission, it is important to re-search the planet you will be visiting.	
On the space station, we re-cycle all of our water through a complicated system.	

There were \_\_\_\_\_ crosses and \_\_\_\_\_ ticks. There were more \_\_\_\_\_ so the culprit is less than/more than 30 years old.

Return to the list of suspects and work out who the culprit is!



# DICTIONARY CHALLENGE

Use a dictionary to complete the following challenges!

Can you find...

...an eight-letter word beginning with **ch**?

...a six letter word ending in **gh**?

...a word longer than 7 letters that begins with **t** and contains '**ea**'?

...a seven-letter word beginning with **a vowel** and containing **ll**?

...a five-letter **noun** beginning with **c** and ending in **d**?

...a nine-letter **verb** beginning with **m** and ending with **g**?

...a seven-letter **adverb** beginning with **h** and ending in **y**?

...three words containing the letter **x** (but not at the beginning)?

Can you find a word which contains **all** of the vowels in **alphabetical** order?

Make sure you know the definitions of all of these words!







Adjacent means  
next to.

A	T	O	C
C	M	L	W
H	C	B	R
I	R	I	E

POINTS GUIDE	
3 letter words	1 point
4 letter words	2 points
5 letter words	3 points
6 letter words	4 points
7+ letter words	5 points

How many different words can you create using adjoining letters?  
The letters must touch each other but can join in any direction -  
horizontally, vertically or diagonally. You cannot use the same letter  
cube more than once in a single word.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____



Now add up your total points  
score using the Points Guide  
and record it in the box.

TOTAL POINTS

--

# Powerful Adjectives

Add a powerful adjective into each gap to describe the noun.

Use the word bank below to help you.

1. The \_\_\_\_\_ earthquake shook the ground.
2. The people were \_\_\_\_\_ when the buildings shook.
3. The \_\_\_\_\_ island lay in the middle of the ocean.
4. The crowd were \_\_\_\_\_ after watching the film.
5. "I'm \_\_\_\_\_ by what I've done," admitted Cathy.
6. The \_\_\_\_\_ winner jumped for joy at the news.
7. The monster's attempts at hiding were \_\_\_\_\_.
8. Our new neighbours are \_\_\_\_\_.



## Word Bank

terrified	flabbergasted	appalled	abysmal
menacing	exquisite	distraught	eccentric
shaken	marvellous	pathetic	delightful
astonished	magnificent	absurd	

# Powerful Adjectives

Rewrite and improve these sentences by changing the bold adjective into a powerful and impressive description.

1. Janine was sitting in a **nice** chair.

---

---

2. Mum's new hairstyle was **bad**.

---

---

3. The weather today is **not nice**.

---

---

4. Lorna's new puppy was **cute**.

---

---

5. The story written by Fred was **good**.

---

---

6. Jake made some **silly** jokes at school today.

---

---

7. Barney's new computer was **fun** to play on.

---

---

8. The birds' cage was **dirty**.

---







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# Sentence Openers Game

Choose a Sentence Subject card, roll a dice, and get creative with your writing!  
Play the game with a partner or in a group, and see who can write the most interesting sentence!

Write a sentence starting with...	
	...a connective
	...a verb
	...an adverb
	...a simile
	...an adjective
	...a feeling

Write a sentence starting with...	
	...a connective
	...a verb
	...an adverb
	...a simile
	...an adjective
	...a feeling

Write a sentence starting with...	
	...a connective
	...a verb
	...an adverb
	...a simile
	...an adjective
	...a feeling

# Sentence Subject Cards

A rollercoaster ride

A large dog

Making a pizza

Visiting your  
Grandma

Missing the bus

Playing hide and  
seek

A nightmare

Forgetting your  
homework

A spider

Eating cake

A bungee jump

Making a snowman

Being caught in  
the rain

Swimming in  
the sea

The last day of  
school

A trip to the  
supermarket

Falling off a bike

A snowflake

Getting sunburnt

A nest of bird's eggs



## Bees Can 'Toot' and 'Quack', Say Scientists

### What are queen bees?

- Honeybee colonies can have up to 50 000 bees in them, but only one queen bee.
- Queen bees are created when, as larvae, they are fed 'royal jelly'.

From an early age, we all learn that bees go buzz. However, we're not often taught that they can also 'toot' and 'quack'!

Scientists have known for years that queen bees make noises described as 'piping'. Yet, there has been disagreement about why they do this.

Recently, researchers at Nottingham Trent University have been studying these noises and they have a [theory](#).

When a queen bee is ready to hatch, she makes 'quacking' noises. The scientists think this is to let the worker bees nearby know that she is ready to [emerge](#).

After hatching, her 'quacks' become 'toots'. It used to be believed that the sounds the queen bees made were aimed at other queen bees still waiting to hatch. However, the new theory suggests that the 'toots' are instructions for the worker bees.

When they hear the new queen bee 'tooting', the worker bees try to keep [captive](#) the other queen bees still waiting to hatch.

If two queen bees emerge at the same time, they will fight to the death.

When hearing the 'toots', the worker bees also get ready to swarm. This is when a new queen bee, and up to half the bees in the hive, leave to set up a new [colony](#).

When the queen bee leaves, her 'tooting' can't be heard any more. The waiting queen bee's 'quacking' can be heard again.



Photo: Honeybees.

So, the worker bees release a new 'quacking' queen. She begins 'tooting' and the cycle continues.

When there is only one queen left in the hive and no 'quacking', the worker bees know not to swarm any more. All this is thanks to teamwork and good communication!

The researchers hope that their findings will help beekeepers know when a colony is about to swarm.

Honeybees, like all pollinators, are very important to our environment. Knowing more about them could help to support and protect these important little creatures.

### Glossary

<b>theory</b>	An idea based on scientific research.
<b>emerge</b>	Break out from an egg or cocoon.
<b>captive</b>	A person or animal which is imprisoned or confined.
<b>colony</b>	A group of animals that live together.



# Questions

1. How are queen bees created?

---

2. The sentence "Honeybees, like all pollinators, are very important to our environment." suggests that...

- ☐ Without honeybees, no plants would be pollinated.
- ☐ Honeybees are very helpful in the pollination of plants.
- ☐ Honeybees are important but don't help with pollination.
- ☐ Honeybees like other pollinators.

3. Tick the boxes to show if each statement is true or false.

	True	False
The scientists think the queen bee 'quacks' to let the worker bees nearby know that she is ready to swarm.		
The scientists think the queen bee 'quacks' to let the worker bees nearby know that she is ready to emerge.		
If two queen bees emerge at the same time, they work together to build a stronger hive.		
The researchers hope their findings will help beekeepers.		

4. Which of these alternative headlines best summarises the story?

- ☐ Pollinators under Threat from Queen Bees
- ☐ Honeybees Play Instruments
- ☐ Queen Bees Talk to Their Workers
- ☐ Bees Communicate with Other Species

5. In the paragraph beginning "So, the worker bees... ", which word means 'a series of events or processes that is repeated again and again'?

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6. Explain how this new theory about why queen bees 'toot' and 'quack' is different from what scientists used to think the noises were for.

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# Pirate-Themed Mental Calculations Code Breaker

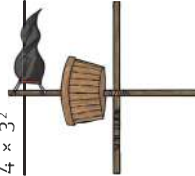
Use the code breaker to reveal the pirate-themed words.  
Find the words you reveal in the word search.



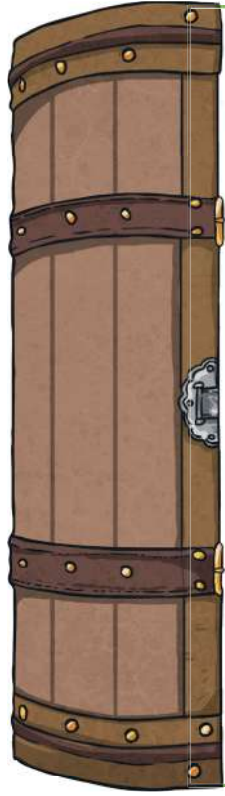
a	b	c	d	e	f	g	h	i	j	k	l	m
121	642	125	8	12	11	16	22	216	48	49	36	603
n	o	p	q	r	s	t	u	v	w	x	y	z
7044	872	14	42	7704	27	84	100	27	64	120	66	144

Answer	Letter
64 200 ÷ 100	
10 <sup>2</sup>	
0.125 × 1000	
5 <sup>3</sup>	
$\frac{11}{12}$ of 132	
15184 - 8140	
$\frac{3}{7}$ of 28	
$\frac{2}{11}$ of 66	
4052 + 3652	
1400 ÷ 10 <sup>2</sup>	
6 <sup>2</sup>	
0.121 × 10 <sup>3</sup>	
8140 - 1096	
7 <sup>2</sup>	

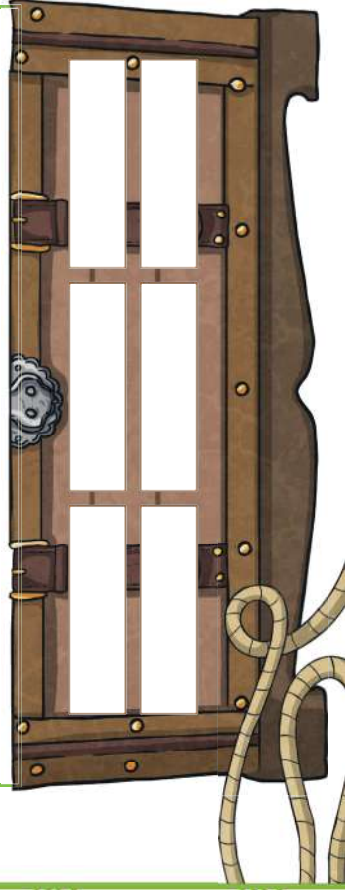
3 <sup>3</sup>	
8053 - 7932	
6 <sup>3</sup>	
4 × 3 <sup>2</sup>	



Answer	Letter
$\frac{7}{12}$ of 24	
11 <sup>2</sup>	
36 357 - 28 653	
6992 + 712	
25 652 - 24 780	
$\frac{7}{12}$ of 144	
5184 - 5059	
1.21 × 10 <sup>2</sup>	
$\frac{2}{5}$ of 35	
0.084 × 1000	
11 <sup>2</sup>	
21600 ÷ 100	
7.044 × 10 <sup>3</sup>	
5 <sup>3</sup>	
10 <sup>2</sup>	
0.84 × 100	
6 <sup>2</sup>	
$\frac{11}{100}$ of 1100	
3 <sup>3</sup>	
$\frac{3}{8}$ of 72	



p a r o t f g h i j k l  
m n p q r s t u p w x  
y z a l c c u t l a s s  
k l b n a p q r s r u v  
w x y u a n c d e r g h  
s j k l c n k p q o s t  
n v w x y c s b c t e f  
a h i j k l a n o p q r  
i s u v w x i n a b c d  
l f a h i j l l e n o p  
q c a p t a i n y e a b  
c d e f g h i j k l r n



# Maths Activity Mat

## Section 1

Order the following numbers from the smallest to largest:

1 101 011 1 110 101 1 100 111 1 010 011

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## Section 3

Calculate:

$$0.4 \times 100 = \boxed{\phantom{000}}$$

$$0.9 \times 100 = \boxed{\phantom{000}}$$

$$0.7 \times 100 = \boxed{\phantom{000}}$$

## Section 4

Simplify the following fractions:

$$\frac{8}{12} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \frac{15}{25} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$



## Section 5

Calculate:

$$0.2\text{kg} = \boxed{\phantom{000}}\text{g}$$

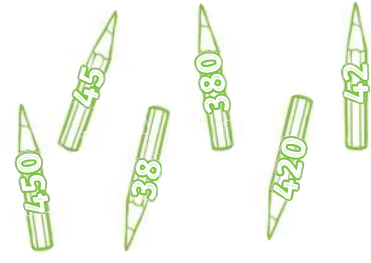
$$1490\text{g} = \boxed{\phantom{000}}\text{kg}$$

$$1.2\text{kg} = \boxed{\phantom{000}}\text{g}$$



## Section 2

Four classes share 3 boxes of 500 pencils. Circle the amount which is a good estimate of how many pencils each class will have.



## Section 6

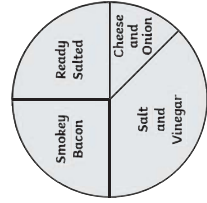
A box holds six eggs. There are 532 eggs.

How many full boxes will there be?

## Section 8

Class A researched children's favourite flavour of crisps. They presented the results in a pie chart.

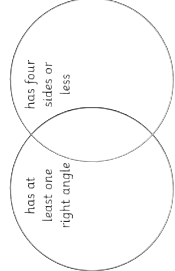
**Eight** children chose Ready Salted as their favourite. How many children chose Cheese and Onion, Salt and Vinegar and Smokey Bacon?



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## Section 7

Draw two shapes that will go into each area of this Venn Diagram, including outside the circles.

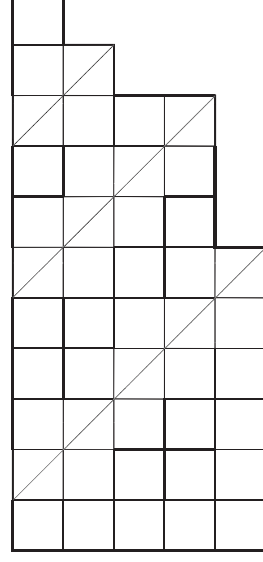


# Pirate Flags

These flags have been designed on cm square grids.

- What is the area of each flag?
- What is the perimeter of each flag?

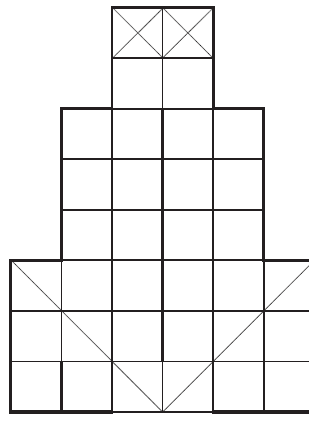
Colour in the flags according to the fractions.



Red =  $\frac{1}{3}$   
Green =  $\frac{1}{6}$   
Blue =  $\frac{1}{2}$

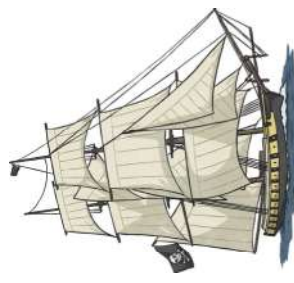
Area = \_\_\_\_\_

Perimeter = \_\_\_\_\_



Red =  $\frac{1}{4}$   
Green =  $\frac{1}{8}$   
Blue =  $\frac{1}{2}$   
White =  $\frac{1}{8}$

Area = \_\_\_\_\_  
Perimeter = \_\_\_\_\_



# Pirate-Themed Mental Calculations Mosaic

Solve the calculations to reveal the hidden picture.  
Each answer has a special colour.



## Mosaic 1

Red = 1000-2499	Skin colour of your choice = 2500-3999	Blue = 4000-5499	Black = 5500-6999	Brown = 7000-8499	Purple = 8500-9999
3997 + 60	4265 + 70	5488 + 60	6526 - 40	5587 - 70	7044 - 90
5018 + 80	5444 + 90	5629 + 80	6143 - 70	6857 - 20	7033 - 80
6146 + 80	6177 - 50	6271 - 60	6585 + 90	6927 - 60	5693 + 90
4569 + 50	5534 - 70	2468 + 80	2956 - 70	4017 - 50	3541 + 60
3963 + 70	2957 - 40	3016 - 50	5504 - 10	3078 + 80	5892 + 90
4585 + 50	6971 + 50	2676 - 50	3455 - 80	3783 + 40	4037 - 90
5206 + 20	8512 - 40	3453 + 70	2527 - 40	1999 + 60	2087 - 60
3914 + 90	4567 + 70	6982 + 20	8501 - 50	7524 + 40	8516 - 30
4657 + 30	8486 + 40	9945 + 20	9514 - 40	8921 + 70	9254 + 60
8498 + 70	9466 + 60	9014 - 30	8889 + 80	9998 - 90	9754 + 80

**Extra Challenge:** Which of the following calculations is incorrect? Explain your reason.

$$4584 + 50 = 4634$$

$$8513 - 30 = 8473$$

$$4499 + 40 = 4539$$

## Mosaic 2

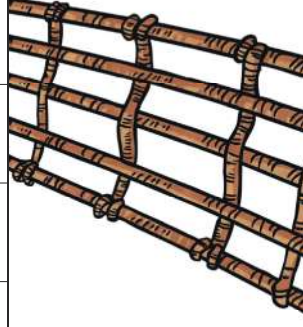
Black = 1000-2499	Brown = 2500-3999	Grey = 4000-5499	Yellow = 5500-6999	Blue = 7000-8499	Green = 8500-9999
----------------------	----------------------	---------------------	-----------------------	---------------------	----------------------

7204 + 89	6991 + 81	4526 + 69	5217 - 99	5517 - 41	8486 - 69	8539 - 91	9877 - 59	7900 - 61
7777 + 49	8526 - 61	3953 + 69	6968 + 39	4083 + 81	7278 + 99	8926 + 61	8412 + 91	9150 - 51
7826 + 69	6989 + 19	5095 + 39	7834 - 29	3993 + 79	8186 - 81	8414 - 69	2456 + 89	7412 + 81
7842 - 49	7517 + 51	8096 + 31	8278 - 39	4606 - 89	8512 - 71	6978 + 89	4012 - 71	7433 - 39
7077 + 69	8086 - 81	7522 + 71	8155 + 19	5122 + 29	7661 + 59	6994 + 49	2983 + 39	7940 - 51
7053 - 61	5486 + 69	5989 + 91	5294 + 19	4670 - 21	4525 + 19	7002 - 69	5475 + 31	7047 - 49
7007 - 81	5786 + 89	2414 + 99	3148 - 29	2991 - 49	4015 - 61	3246 + 29	5687 + 79	5621 + 41
5479 + 81	5733 + 69	3847 + 19	4001 - 59	2722 + 31	3033 + 61	2834 + 59	5555 + 81	7006 - 99
7018 - 21	5516 + 39	3456 + 21	3690 - 59	3544 - 81	4036 - 41	2544 + 61	6017 - 29	6712 - 41
5806 + 69	7044 - 49	1567 + 19	2084 - 49	2322 - 81	1568 + 61	1275 + 39	5496 + 11	7002 - 11

**Extra Challenge:** Are these statements true or false?

$$2117 + 59 > 2223 - 89$$

$$9486 + 99 < 9568 - 71$$





Mosaic 3

Black = 0-2.0	White = 2.1-4.0	Blue = 4.1-6.0	Yellow = 6.1-8.0	Green = 8.1-10.0	Red = 10.1-12.0	Purple = 12.1-16.0		
1.5 + 3.2	9.2 - 4.4	12.3 - 2.1	16.4 - 5.1	20.0 - 8.8	3.5 + 2.1	6.4 - 1.8	7.5 - 3.2	14.5 - 10.1
2.4 + 3.1	17.6 - 6.2	11.3 + 0.5	3.6 + 0.2	1.8 + 1.9	9.7 + 0.8	7.4 - 2.8	5.8 - 1.4	3.1 + 2.4
6.0 - 1.1	3.7 + 3.9	5.6 + 2.2	7.6 - 6.2	4.2 - 1.6	5.7 + 5.2	4.7 + 1.2	2.9 + 2.9	7.5 - 2.8
4.1 + 1.5	10.5 - 2.8	4.7 + 3.3	8.4 - 4.6	3.7 - 1.1	6.5 + 5.1	5.4 - 0.9	2.0 + 3.7	6.5 - 1.4
9.6 - 5.2	9.9 - 2.2	1.3 + 0.5	19.8 - 7.9	18.4 - 8.2	12.1 - 1.3	14.3 - 3.2	3.8 + 0.9	8.1 - 3.7
10.8 - 6.3	2.7 + 1.4	1.2 + 3.9	11.1 + 0.8	12.6 - 1.7	14.3 - 2.6	10.1 + 1.8	1.4 + 3.7	2.8 + 3.2
2.2 + 3.3	1.9 + 3.5	4.6 + 7.2	3.9 + 6.8	17.5 - 6.8	6.3 + 3.7	12.5 - 3.4	16.5 - 4.6	2.9 + 1.1
4.2 + 1.4	1.7 + 2.5	14.3 - 2.5	2.3 + 8.4	5.5 + 4.2	11.5 - 2.7	10.0 - 1.4	8.4 + 4.2	8.4 - 2.8
6.1 - 1.2	8.4 - 3.7	9.2 + 2.5	5.4 + 6.5	7.4 + 0.9	6.2 + 2.1	7.2 + 0.9	16.6 - 3.4	9.3 + 4.4
18.3 - 14.1	1.1 + 4.7	8.2 + 1.9	9.2 + 2.1	2.5 + 7.2	6.8 + 2.3	10.7 - 2.5	20.0 - 6.2	14.8 + 0.9

Extra Challenge: Which calculation is the odd one out? Explain your reason.

14.8 + 0.9 = 15.7      9.2 - 2.5 = 6.7      2.3 + 6.4 = 8.7      12.1 - 1.3 = 10.8



# The Mystery of the Missing Pirate Treasure

The pirates of the Jolly Jack have been searching the Caribbean for months looking for the lost treasure of the Crusty Clam.

Legend has it that the Crusty Clam was damaged in a terrible storm and washed up on an island. In its hold was said to be a treasure chest full of gold, jewels and gems.

The Jolly Jack's captain, Olly Eyepatch, has thought of nothing but finding the lost treasure of the Crusty Clam. She has spent weeks searching through old pirate books and maps trying to find out which island the legendary treasure is buried on.

Can you help Olly Eyepatch and her pirate crew to solve the clues and find out which island the legendary treasure is buried on? Good luck!



Location	Highest point above sea level	Population	Distance	Location of the island's treasure caves
Albatross Cliffs Island	220m	17 246	251 miles	north
Barnacle Beach Island	575m	82 105	164 miles	south-west
Cutlass Creek Island	8m	6504	25 miles	north-east
Deserted Island	22m	19 995	39 miles	south-west
Fenny Bank Island	3m	11 785	156 miles	north-east
Grotto Island	314m	22 700	264 miles	east
Golden Ghost Island	307m	1687	189 miles	south-west
Helter-Skelter Island	689m	8452	65 miles	west
Kelpie Bay Island	64m	21 564	100 miles	south-east
Limpet Lookout Island	192m	8658	36 miles	south-west
Mermaid Mile Island	60m	1562	8 miles	north-west
Poison Reef Island	1m	12 092	154 miles	south
Ring of Rocks Island	218m	560	92 miles	north-west
Sinister Pool Island	562m	861	87 miles	south-east
Vulture Valley Island	258m	9027	98 miles	south-east
Whitewater Bay Island	452m	2929	58 miles	south-east

The buried treasure can be found on:



Clue 1

Check these maths calculations.

If a calculation is right, put a tick. If it is wrong, put a cross.



If there are **more ticks than crosses**, the buried treasure is **more** than 150 metres above sea level.



If there are **more crosses than ticks**, the buried treasure is **less** than 150 metres above sea level.

	Right ✓	Wrong ✕
$32.6 - 21.52 = 11.8$		
$10.04 + 17.37 = 27.41$		
$2.3 + 1.84 + 3.07 = 6.94$		
$95.32 - 26.86 = 68.46$		
$1.257 + 15.682 = 16.939$		
$68.72 - 39.562 = 29.162$		
$15.686 + 39.868 = 55.554$		
$107.248 - 57.3 = 49.948$		
$84.732 - 69.92 = 14.64$		
Total		

Clue 1 Answer:

The buried treasure is...







Clue 2

Use written methods of multiplication and division to solve these calculations. Colour the answers in the table below.

Re-arrange the shaded words to find the second clue.

1. $18 \times 36 =$	2. $756 \div 9 =$	3. $8.2 \times 12 =$
<div></div>	<div></div>	<div></div>
4. $1024 \div 8 =$	5. $19 \times 28 =$	6. $65 \times 92 =$
<div></div>	<div></div>	<div></div>

98.4  
the

92.4  
is more than

88  
one thousand

540  
six thousand

84  
of the

532  
population

640  
five thousand

130  
four thousand

648  
island

128  
is less than

5980  
ten thousand

6980  
three thousand



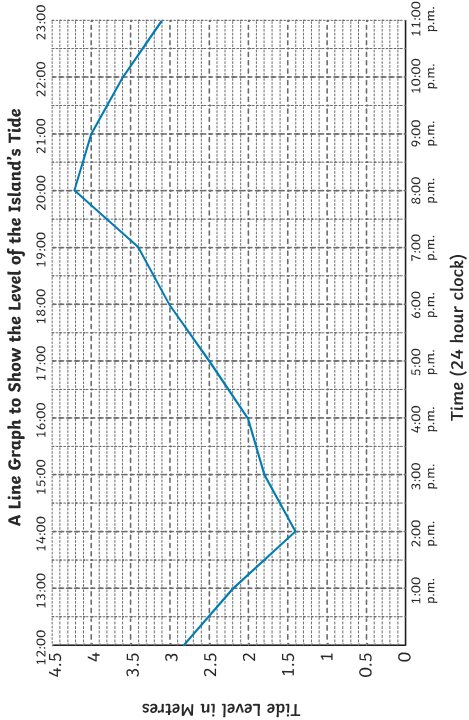
Clue 2 Answer:



Clue 3

Answer the questions about the tide on the mystery treasure island. Colour the answers in the table below.

Re-arrange the shaded words to find the third clue.



1 What is the height of the tide at 3:00 p.m.?

2 How many hours did it take for the tide to change from its lowest level to its highest level?

3 What is the height of the tide at 7:00 p.m.?

4 By how many metres did the tide level change between 2:00 p.m. and 8:00 p.m.?

5 By how many metres did the tide level change between 8:00 p.m. and 11:00 p.m.?

6 hours  
the

1.2 metres  
60 miles

1.1 metres  
70 miles

5 hours  
80 miles

2.8 metres  
is more than

3.4 metres  
island

1.8 metres  
away

Clue 3 Answer:



Clue 4

Order each set of numbers from smallest to largest. Take the largest number in each set and colour it in the table below.

Re-arrange the shaded words to find the final clue.

1	<div>2.6</div> <div>Smallest</div>	<div>1.84</div>	<div>1.8</div>	<div>1.805</div>	<div>2.06</div> <div>Largest</div>
2	<div>1.1</div> <div>Smallest</div>	<div>1.2</div>	<div>2.1</div>	<div>1.19</div>	<div>2.2</div> <div>Largest</div>
3	<div><math>\frac{5}{8}</math></div> <div>Smallest</div>	<div><math>\frac{1}{2}</math></div>	<div><math>\frac{5}{6}</math></div>	<div><math>\frac{11}{24}</math></div>	<div><math>\frac{2}{3}</math></div> <div>Largest</div>
4	<div>56 235</div> <div>Smallest</div>	<div>56 181</div>	<div>56 824</div>	<div>65 455</div>	<div>56 881</div> <div>Largest</div>
5	<div>56.268</div> <div>Smallest</div>	<div>562.68</div>	<div>5.626</div>	<div>56 268</div>	<div>5626.8</div> <div>Largest</div>

2.06

the south-west

$\frac{5}{6}$

located in

2.2

treasure caves

2.1

the north-east

2.6

island's

$\frac{2}{3}$

the south-east

56 881

the north

5626.8

the east

65 455

are

1.84

the south


56 268

the north-west

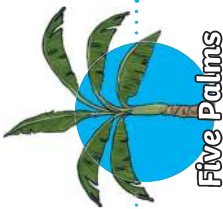
$\frac{5}{8}$

the west

Clue 4 Answer:



# Five Palms Hotel



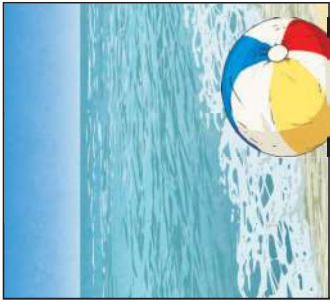
## Are you overdue some family fun in the sun?

If the answer is yes, choose the exclusive Five Palms Hotel for your all-inclusive family holiday.

The award-winning Five Palms Hotel is one of the most modern hotels in the area with something to suit all ages. We are proud to offer three outdoor swimming pools, one indoor pool, a fully equipped gym, aquarium, tennis court, luxury spa and a fabulous outdoor theatre with family shows taking place every night. The hotel offers a range of adult activities including aqua aerobics, salsa dancing and tai chi.

The Five Palms Hotel has three large, air-conditioned restaurants serving food to suit even the fussiest of eaters!

Kids will enjoy the huge, indoor play gym or spending time at one of our fantastic clubs: High Fivers (ages 4-7) and Five Alivers (ages 8-12), both of which run from 9am until 5pm every day, giving adults time to switch off! High Fivers activities include stories, arts and crafts, team games and drama whilst Five Alivers offers a wide range of sports, music, dancing, obstacle courses and more!



Overlooking the beach, sea views and balconies come as a standard with every beautifully appointed room, as does air-conditioning, satellite TV and an en-suite bathroom.

Our hotel is only 15 minutes away from Palms Airport and a short walk from Five Palms Old Town where you can barter with the local shop keepers while taking in the local history and stunning architecture.

### Questions

1. Copy an example of a rhetorical question that is used in the text.  
Why has the author used this?



2. Tick true or false in the following table.



	True	False
Five Palms is an old hotel.		
The kids clubs run from 9am to 12pm.		
Satellite TV is included in all rooms.		

3. Who do you think the Five Palms Hotel would be most suitable for? Why?



\_\_\_\_\_

\_\_\_\_\_

4. 'Our hotel is in a prime location...' What does the word 'prime' mean?



\_\_\_\_\_

\_\_\_\_\_

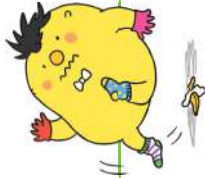
\_\_\_\_\_

## Spot Mr Whoops' Mistakes

Mr Whoops is a little bit clumsy...OK, he's very clumsy! Even though he's really trying hard with his writing, he's still accidentally misspelt 13 of his Y6 key spelling words. Can you spot his mistakes?

Highlight Mr Whoops' mistakes in the passage of text.

Then correct the words at the bottom of the sheet and create a list for Mr. Whoops to practise.



### Mr Whoops Wins First Prize

Last week, I entered a photography competition in my local newspaper. I was desperate to win because the marvelous prize was some new, state-of-the-art equipment. As a very keen amateur photographer, I was determined to win. The task was to take a photograph in my local environment to communicate the beauty and history of my hometown of Whoopsville. I decided to take a photograph of the war memorials that commemorate the brave soldiers that gave their lives in battle at my local cemetery. My first attempt at getting a picture was disastrous because I got caught up in an aggressive thunder and lightning storm. But once the rain had ceased, I managed to get an excellent shot of a gravestone surrounded in poppies with a glorious sunny backdrop. They must have loved it - I won first prize!

**Mr. Whoops needs to practise these words:**

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____



Thanks for your help! I'll get practising these words if only I could find where I'd left my pencil!

## Quick Write: Space

### Name It

Give this photograph a title.



### Quote it

Write one line of correctly punctuated speech from a spectator in the crowd.

### Collecting Vocabulary

Write down six ambitious words to describe this picture.


### Give Your Opinion

Would you like to travel into space? Give a reason for your answer that includes the word 'as'.


### Opening Lines

Write the opening to a story based on the photograph.


### Quick Questions

1. Why do you think that there are no people in this photograph?


2. How often do you think events like this occur? Explain your answer.


3. What might newspaper headlines have said the next day?


## Second World War Word Search

s h e l t r v d a y t b e v e  
a n d e r s o n s h e l t e r  
r e m b r h l i b l c a k d a  
h c h u r c h i l l c p a t  
l a t m e n t e s t v k e y i  
a l l o t m e n t s t o v a o  
y l m b e r e v a d y u a s n  
s i c r i e v a c u a t e d i  
r e m e m b r a n c e d a y n  
s s k c o n s c r i p t e d g

- At the start of the Second World War, France and Poland were Great Britain's a\_\_\_\_\_.
- Victory in Europe Day is otherwise known as V\_\_\_\_\_.
- R\_\_\_\_\_ was the limiting of food, clothing and petrol.
- People turned their gardens into a\_\_\_\_\_ to grow their own vegetables.
- Men between 18 and 41 years old were c\_\_\_\_\_ to fight.
- Children were e\_\_\_\_\_ from cities to the countryside.
- Winston C\_\_\_\_\_ became Prime Minister in 1940.
- People wear poppies on R\_\_\_\_\_.
- One type of air raid shelter was called an a\_\_\_\_\_.
- The time of night when everyone had to cover their windows and doors was known as a b\_\_\_\_\_.



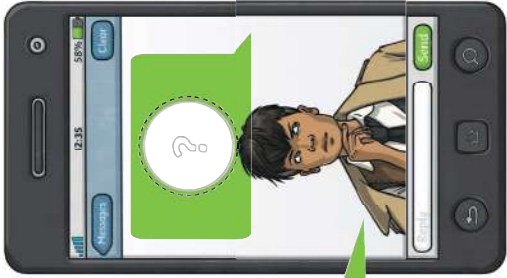
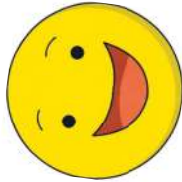
# The Missing Emojis: SPaG Problem-Solving Mystery Game

It's nearly Emoji Day and a catastrophe has occurred. All of the emojis have disappeared from everyone's mobile phones! Who would take all of the emojis just before Emoji Day? The culprit needs to be found and the emojis must be returned so that the celebrations can continue.

As the Detective Chief Inspector, it is your job to find out who stole the emojis. Your officers have taken down the names and descriptions of the 20 people who were working in the mobile phone factory last night.

There are also five top secret clues that have been left. To crack the case, you will need to solve each clue and check the information with the list of names.

Can you find the emojis in time? Good Luck!



The culprit was:

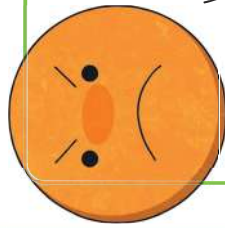


The Missing Emojis: SPaG Problem-Solving Mystery Game

Worker's Name	Do They Wear Glasses?	Favourite Emoji	Type of Shoes	Favourite Snack	House Number
Archie Anger	yes	Poorly	trainers	chocolate	2
Barty Blithe	yes	Happy	smart shoes	biscuits	6
Briana Blue	no	Confused	smart shoes	chocolate	20
Carly Content	no	Angry	smart shoes	crisps	22
Constance Confused	no	Happy	trainers	crisps	7
Craig Cry	yes	Confused	smart shoes	chocolate	4
Frederick Fine	yes	Happy	trainers	biscuits	25
Gloria Glee	no	Poorly	smart shoes	biscuits	2
Geraint Grieve	yes	Poorly	trainers	crisps	28
Hayley Happy	no	Confused	smart shoes	chocolate	4
Jonty Joy	yes	Angry	smart shoes	chocolate	30
Meredith Merry	no	Poorly	trainers	crisps	32
Petr Peace	yes	Confused	smart shoes	biscuits	1
Penelope Pity	no	Angry	trainers	crisps	9
Roger Relaxed	yes	Angry	smart shoes	crisps	10
Sammy Sad	no	Happy	trainers	biscuits	19
Serena Serene	no	Happy	trainers	biscuits	11
Siobhan Sorrow	no	Confused	smart shoes	chocolate	5
Sean Surprise	yes	Confused	smart shoes	chocolate	10
Trevor Tense	yes	Confused	smart shoes	crisps	36

### Clue 1: Formal or Informal Footprints?

Decide whether each word or phrase in each footprint uses vocabulary typical of **formal** or **informal** writing and sort it under the correct pair of shoes.



Which ever pair of shoes has the most words or phrases will tell you the type of shoe print that was discovered outside the emoji room at the factory.

profession

change

immediately

enough

sufficient

give up

sacrifice

spectacles

now

injustice

opportunity

job

Formal

Informal




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If there are more **formal** words, the culprit wore **smart shoes**.  
If there are more **informal** words, the culprit wore **trainers**.

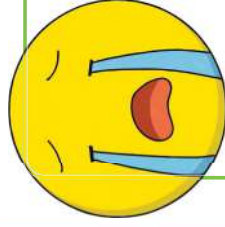
The culprit wore:



### Clue 2: Silly Synonyms

The emoji factory is always trying to think of the next hit emoji idea so the room is filled with sticky notes covered with synonyms.

Find which emoji has the most synonyms and this will reveal the culprit's favourite emoji.



peaky

ecstatic

baffled

ailing

annoyed

muddled

irate

perplexed

furious

gleeful

bewildered

jovial

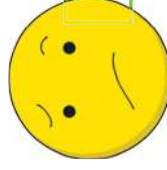
puzzled

unwell

overjoyed



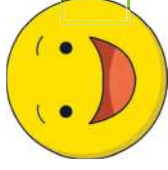
Poorly



Confused



Angry



Happy

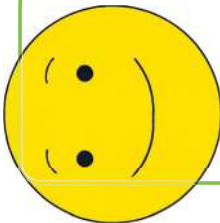
The emoji with the most synonyms is: \_\_\_\_\_  
so this must be the worker's favourite emoji.





Clue 3: Prefix Packets

An empty snack packet was found outside the emoji room.  
Match the words to the correct prefix to form a verb.  
Some of the words can go with more than one prefix.  
The prefix with the most words will reveal which packet was found and show the culprit's favourite snack.







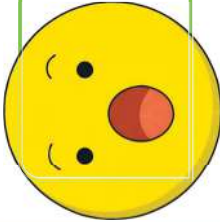




The prefix with the most words is: \_\_\_\_\_  
so the culprits favourite snack must be: \_\_\_\_\_

Clue 4: Eye-Spy the Culprit!

Find your way through this maze of statutory spelling words.  
By following the path (vertically or horizontally) of correctly spelt words, you will find out whether the culprit wears glasses or not.

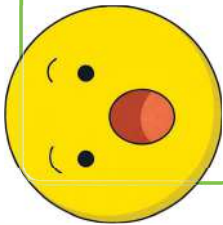


Start

immediate	stumach	lightnning	imediante	comitteee	disasterous	queueu
foreign	sugest	lesiure	equipp	muscle	indeividual	desprate
restaurant	bargin	orkward	mischevious	sinserere	disicionary	familliar
recommmend	persuade	programme	determined	especially	hindrance	develope
curiousity	acording	sacrifise	concence	contraversy	forty	explanation
communicate	system	yacht	shoulder	rhythm	equipment	embarass
variety	recoggnise	suficient	rhime	signiture	convinience	bruize
neighbour	frequently	correspond	cemetery	relevant	nuisence	marvelous
vegetable	proffession	consious	twelth	prejudice	anscient	phisycal
achieve	equipt	vehical	acompany	immature	symbol	average
pronunsiation	exagerate	garantee	secretery	identtity	neccessary	parliament
privilege	temperature	critisize	language	apparent	available	excellent
thorough		harass		community		occupy



The culprit \_\_\_\_\_ glasses.

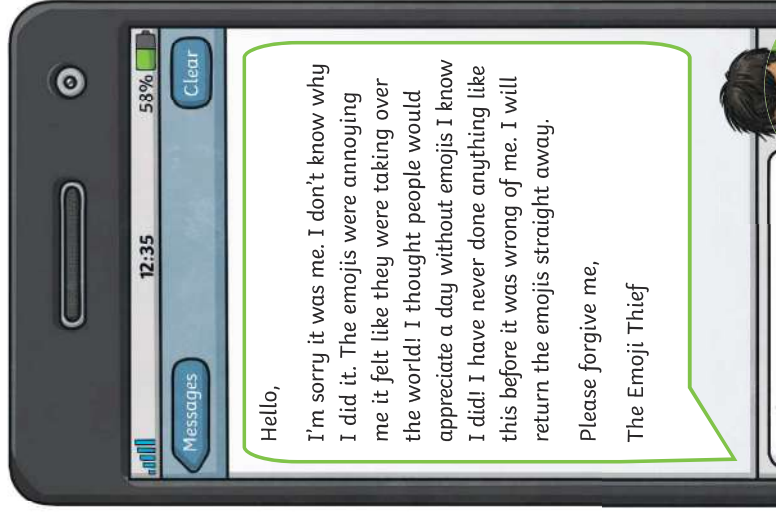


### Clue 5: Terrible Texting

The factory owner has been sent a text message from the worker who deleted the emojis! The thief has made lots of mistakes and missed the punctuation to mark the boundaries between independent clauses (semi-colons, colons or dashes).

Circle the mistakes and then write the corrections below. The number of errors will show the house number of the culprit.

### Corrections:



There are \_\_\_\_\_ missing boundaries between independent clauses, so the thief's house number is \_\_\_\_\_.

# Answers



Use your **green** and **pink** highlighters to check your answers just like you would in the classroom.



If an answer is not correct, look again at your question so you understand what mistake you have made.

# Football-Themed Code Breaker Answers

Solve the calculations and use the code breaker to spell out football-themed words.

A	B	C	D	E	F	G	H	I	J	K	L	M
6	15	21	5	13	24	18	7	12	1	25	19	9

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
22	16	11	26	2	17	20	3	10	8	14	23	4

1.	Answer	Letter
$500 \div 100$	5	D
$1300 \div 100$	13	E
$2400 \div 100$	24	F
$1.3 \times 10$	13	E
$220 \div 10$	22	N
$5000 \div 1000$	5	D
$13000 \div 1000$	13	E
$0.02 \times 100$	2	R

4.	Answer	Letter
$150 \div 10$	15	B
$0.06 \times 100$	6	A
$0.19 \times 100$	19	L
$190 \div 10$	19	L

5.	Answer	Letter
$25000 \div 1000$	25	K
$120 \div 10$	12	I
$2100 \div 100$	21	C
$2.5 \times 10$	25	K

2.	Answer	Letter
$9000 \div 1000$	9	M
$0.06 \times 100$	6	A
$200 \div 10$	20	T
$0.21 \times 100$	21	C
$70 \div 10$	7	H

3.	Answer	Letter
$200 \div 100$	2	R
$130 \div 10$	13	E
$2.4 \times 10$	24	F
$0.13 \times 100$	13	E
$0.2 \times 10$	2	R
$1300 \div 100$	13	E
$1.3 \times 10$	13	E

6.	Answer	Letter
$0.018 \times 1000$	18	G
$1.6 \times 10$	16	O
$600 \div 100$	6	A
$0.019 \times 1000$	19	L
$0.25 \times 100$	25	K
$0.013 \times 1000$	13	E
$13000 \div 1000$	13	E
$0.11 \times 100$	11	P
$13 \times 1$	13	E
$0.02 \times 100$	2	R

# Maths Activity Mat Answers

**Section 1**  
Order these numbers from smallest to largest:  
**576 094, 567 094, 576 904, 567 904**

<b>567 094</b>	<b>567 904</b>	<b>576 094</b>	<b>576 904</b>
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**Section 2**  
Round these numbers to the nearest 100 000:

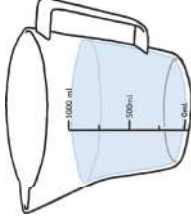
367 562	→	<b>400 000</b>
453 378	→	<b>500 000</b>

**Section 3**  
Use the < and > signs to compare the numbers.

48 701	<	48 710
81 010	>	80 999

**Section 4**  
Convert these measurements from litres to millilitres:

12.43l =	<b>12 430ml</b>
6.8l =	<b>6800ml</b>



**Section 5**  
Draw lines to show which fractions, decimals and percentages match.

$\frac{7}{10}$	$\frac{2}{5}$	$\frac{1}{100}$	40%	1%	70%	0.01	0.7	0.4
----------------	---------------	-----------------	-----	----	-----	------	-----	-----

**Section 6**  
Complete these calculations:

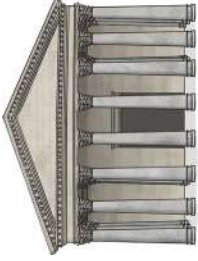
$6396 \div 3 =$	<b>2132</b>
$1333 \times 2 =$	<b>2666</b>

**Section 7**  
A shop assistant sold £845 worth of perfume. This was £258 more than yesterday. How much did she sell yesterday?

**£587**

**Section 8**  
Write these Roman numerals as digits:

CCLXVI	<b>266</b>
CCCLXXIV	<b>374</b>



Football-Themed Decimal Calculations

Mosaic **Answers**

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

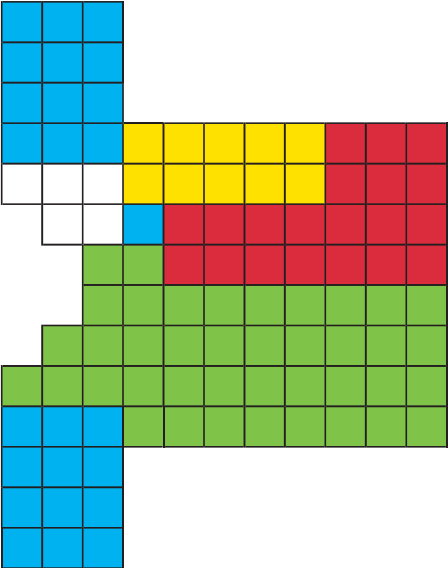
green =		white =			black =			
0 to 2000		2001 to 3000			3001 to 5000			
1380 – 870	8100 – 6900	1290 – 85	4440 – 560	6780 – 3300	4440 – 2000	3380 – 1480	7100 – 6200	3290 – 1300
6660 – 5100	8550 – 7300	9200 – 6100	9780 – 6000	4380 – 500	3030 – 900	4990 – 2500	7660 – 5670	7550 – 5560
5980 – 4440	3890 – 1500	9230 – 6500	8800 – 6500	9000 – 6600	3360 – 1000	3680 – 900	4000 – 750	4980 – 2990
3230 – 750	5500 – 3400	7300 – 5000	9300 – 6800	5470 – 1100	9600 – 6700	3480 – 1200	8950 – 5000	6950 – 3300
4940 – 2300	3850 – 1000	4390 – 2200	6780 – 1800	9780 – 5000	8380 – 4000	7490 – 5000	7840 – 5300	8800 – 5400
9890 – 5500	7120 – 4900	9340 – 6500	5580 – 900	6000 – 1220	5780 – 1800	9360 – 6530	4870 – 2400	5380 – 2600
7440 – 2900	7000 – 2290	5290 – 2300	6000 – 3480	9780 – 5200	5480 – 2600	7000 – 4100	2990 – 540	9000 – 6490
2380 – 870	6760 – 2000	9830 – 7500	3780 – 1100	5580 – 3100	3000 – 220	5500 – 2100	4000 – 1220	3290 – 1900
5660 – 5100	9100 – 7900	3670 – 1300	4990 – 2100	8300 – 4900	4500 – 1220	5700 – 2400	7100 – 6700	7550 – 5860
5980 – 4540	9550 – 7800	2290 – 300	4890 – 2230	3430 – 1100	5600 – 2110	3380 – 1980	7660 – 6170	4980 – 3590

**Challenge:** Write five different calculations involving subtracting a multiple of 10 which give an answer of 737.

Accept any suitable answer that includes a multiple of 10 and results in 737.

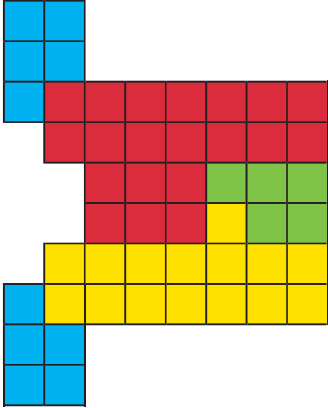
Football Shirt Stained-Glass Fractions **Answers**

1.



Fraction	Blue	Red	Green	Yellow	White
	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{1}{10}$	$\frac{1}{20}$
Number of parts	25	20	40	10	5

2.



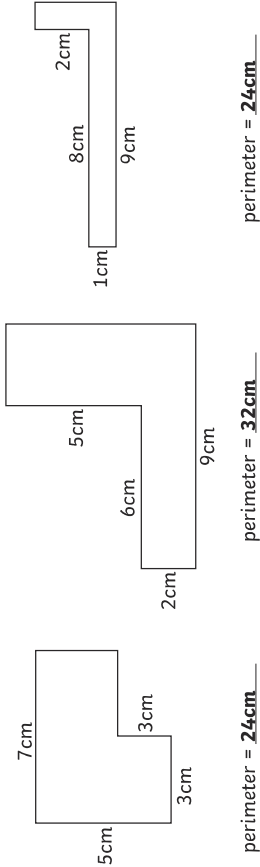
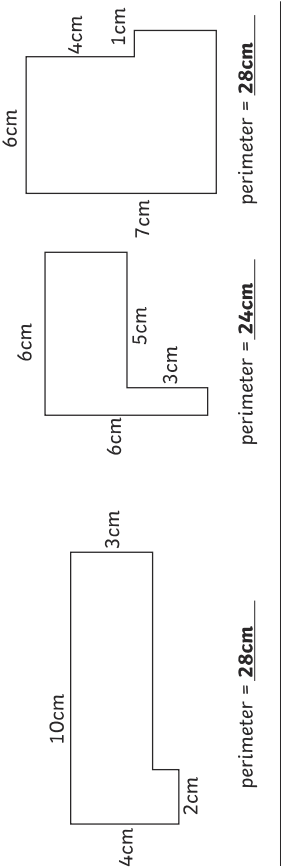
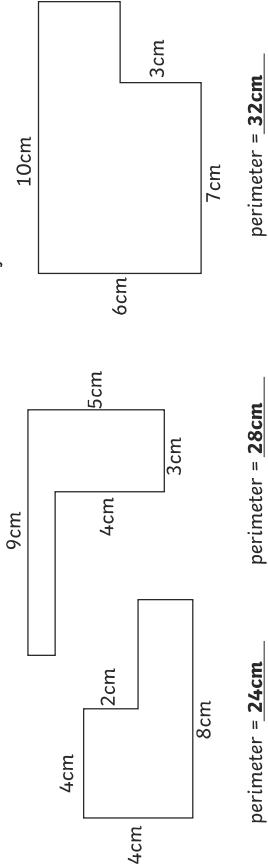
Fraction	Blue	Red	Green	Yellow
	$\frac{1}{5}$	$\frac{2}{5}$	$\frac{1}{10}$	$\frac{3}{10}$
Number of parts	10	20	5	15

# The Mystery of the Missing Tennis Kit Answers

## Clue 1: Perimeter of Rectilinear Shapes

Calculate the perimeter of each rectilinear shape.

The solution that occurs the most will reveal a clue about who finds the tennis kits.



24cm	28cm	32cm
The player doesn't come from South America.	The player doesn't come from North America.	The player doesn't come from Africa.

Clue: The player who finds the kits doesn't come from South America.

## Clue 2: Equivalent Measures

Colour in the correct equivalent measures and then find a path through the maze. You can only move horizontally or vertically through the maze.

The path will reveal a clue about the special skill of the player who finds the kits.

Start	1.09l = 1090ml	6.37km = 6370m	56g = 0.056kg	12mm = 0.12cm
4.7kg = 4700g	6mm = 0.6cm	334ml = 3.34l	509cm = 5.09m	578m = 0.578km
2.09km = 2090m	12.6m = 126cm	670mm = 0.67m	0.7kg = 70g	5.06l = 5060ml
2.34m = 234mm	45ml = 0.045l	930g = 0.93kg	1600m = 1.6km	45m = 4500cm
25kg = 25 000g	34cm = 340mm	6.32km = 632m	0.03m = 3cm	6ml = 0.06l
250ml = 1/4 l	39cm = 0.39mm	3/4 m = 75cm	1.75kg = 175g	890m = 0.89km
The player's special skill is not a serve or volley.	The player's special skill is not a backhand or slice.	The player's special skill is not speed or a slice.	The player's special skill is not a volley or backhand.	The player's special skill is not speed or a serve.

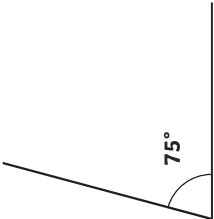
Clue: The special skill of the player who finds the kits is not a serve or volley.



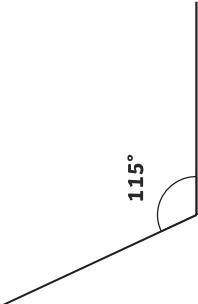
**Clue 3: Measuring Angles**

Measure each angle and match them to the correct answers.

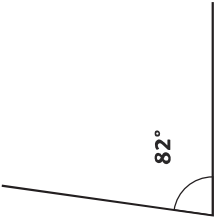
The one remaining answer box will tell you a clue about the player who finds the kits.



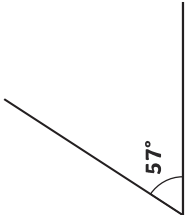
75°



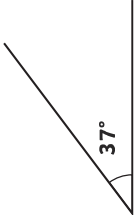
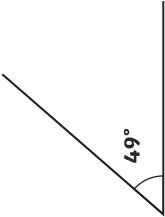
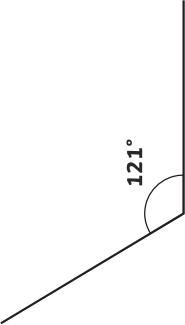
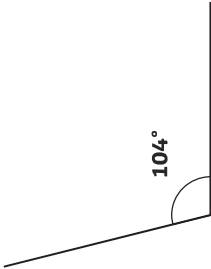
115°



82°



57°

<b>121°</b> The player's kit is blue or black.	 <p>37°</p>
<b>49°</b> The player's kit is green or black.	 <p>49°</p>
<b>104°</b> The player's kit is green or blue.	
<b>57°</b> The player's kit is white or black.	
<b>75°</b> The player's kit is green or purple.	
<b>64°</b> The player's kit is blue or white.	 <p>121°</p>
<b>82°</b> The player's kit is purple or white.	
<b>115°</b> The player's kit is black or purple.	 <p>104°</p>
<b>37°</b> The player's kit is white or green.	

**Clue:** The player who finds the kits has a **blue** or **white** kit.

**Clue 4: Prime and Composite Numbers**

Look at these maths statements and decide whether they are true or false. If it is true, put a tick. If it is false, put a cross.

Count the number of ticks and crosses.

If there are more ticks than crosses, the player who finds the kits is male.

If there are more crosses than ticks, the player who finds the kits is female.

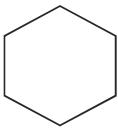

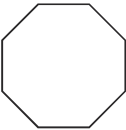
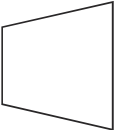
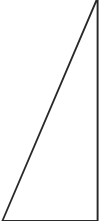
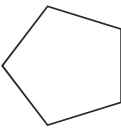

	True ✓	False ✕
2 is a prime number.	✓	
23 is the only prime number between 20 and 30.		✕
15, 16 and 17 are all composite numbers.		✕
The next prime number after 50 is 53.	✓	
There are 3 prime numbers between 1 and 10.		✕
The prime numbers between 30 and 40 are 31 and 37.	✓	
67 is a composite number.		✕
The largest prime number less than 100 is 97.	✓	
2 and 3 are the only consecutive prime numbers.	✓	
Total		

**Clue:** The player who finds the kits is male/female.  
(Circle the correct answer.)

**Clue 5: Shape**

In each row, find the statement that is not correct.

The column with the most incorrect statements will tell you the age of the player who finds the kits.

	<b>Every angle in this shape is a right angle.</b>	This shape has six equal sides.	This shape has six lines of symmetry.
	In this shape, opposite sides are equal.	This shape has four right angles.	<b>This is a regular shape.</b>
	This is an octagon.	All the sides in this shape are equal.	<b>This shape has four lines of symmetry.</b>
	This is a trapezium.	This shape has one pair of parallel sides.	<b>This is a regular shape.</b>
	This shape has no lines of symmetry.	<b>All the sides in this shape are equal.</b>	This shape has one right angle.
	<b>This shape has no lines of symmetry.</b>	This shape has five equal sides.	Each angle in this shape is 108°.
	Opposite sides in this shape are parallel.	Opposite angles in this shape are equal.	<b>This shape has two lines of symmetry.</b>
	19-24	25-30	<b>31-35</b>

**Clue:** The player who finds the kits is aged **31-35**.

The player who is responsible for finding the missing kits is **Matt Martin**.

# Morning Star Answers

- How fast did Cassini travel on its way through the solar system?  
**77,000 mph**
  - How wide is the hurricane that Cassini photographed? Tick two.  
**1500 miles** ☒ the width of Earth  
77000 miles ☐ **the width of the continent of Europe** ☒
  - '...its latest pictures have sent the space-science community into an intergalactic spin!'
    - Think about what types of people might make up the space-science community. Write down two of them:  
**Award one mark for any of the following (maximum 2 marks):**  
**scientists, NASA workers, astronomers, astronauts, cosmonauts, cosmologists, science teachers (or any related fields).**
    - According to the report, the pictures of the giant hurricane on Saturn have sent them into an 'intergalactic spin'. What do you think it means by this?  
**Award one mark if the answer refers to the space-science community's excitement:**  
**Scientists were feeling excited, ecstatic, elated, delighted, happy, thrilled, amazed (or any related feeling/emotion).**
- Award an extra mark for recognition of word choice – 'intergalactic' because we're talking about space; 'spin' like a hurricane spins.**

## Morning Star Answers

4. It took NASA years to build Cassini, then 13 years for it to reach Saturn. Millions of dollars have been spent on it. Imagine you are the Head Scientist at NASA in charge of the Cassini mission. You have been asked to say some words on TV about the photos of the giant hurricane and how you feel about them:




**Award one mark for answers that refer to details about the Cassini mission. E.g.:**

- Reference to it being a great scientific step
- Details about Cassini's journey
- Details/descriptions about the photo

**Award a further mark for answers that refer to feelings/emotions about the mission. E.g.:**

- Relieved/happy that the mission was a success
- Relieved/happy that the photos were so good
- Amazed/excited by the photos/Cassini
- Excited about what Cassini could do next
- Thankful to all the people that have worked on it

## SPaG Mat Answers

<p><b>a</b></p> <p>Add an appropriate relative clause to this sentence, adding in the correct punctuation.</p> <p>The magician _____ was performing at a birthday party.</p> <p>Accept any relevant relative clause relating to the magician and begins with the relative pronoun who, whom or whose that is enclosed in commas, e.g. The magician, who was called The Great Lorenzo, was performing at a birthday party.</p> 	<p><b>b</b></p> <p>Look at the choices of words within the brackets. Circle the correct word to fit the sentence.</p> <p>Shivering and cold, the children tried to block the (draft/<b>draught</b>) that was coming from under the door.</p> <p>The businesswoman had made a sizable (prophet/<b>profit</b>) on her investment.</p>
<p><b>c</b></p> <p>Circle both of the adverbs in this sentence.</p> <p><b>Tomorrow</b>, Gita will <b>proudly</b> represent her athletics <b>club</b> in the county competition.</p>	<p><b>d</b></p> <p>Mr Whoops has accidentally jumbled two adjectives that he uses to describe his fantastic yet naughty new puppy. Can you help him to unjumble them?</p> <p>MSCHEIUSOVI <b>MISCHIEVOUS</b></p> <p>SLLMAVREUO <b>MARVELLOUS</b></p> 
<p><b>e</b></p> <p>Can you think of the silent letter word to match the definition?</p> <p>A piece of land surrounded by water. <b>island</b></p> <p>A medieval soldier that wore armour. <b>knight</b></p>	<p><b>f</b></p> <p>Rearrange this sentence so that it has a fronted adverbial. Don't forget the correct punctuation.</p> <p>The racehorses picked up speed to try to win the race as they neared the finish line.</p> <p>As they neared the finish line, the racehorses picked up speed to try to win the race.</p> <p>To try to win the race, the racehorses picked up speed as they neared the finish line.</p> 

# Spot Mr Whoops' Mistakes **Answers**

## Activity 3

shoulder	mischievous	neighbour
hindrance	conscience	embarrass
according	familiar	suggest
thorough	vehicle	interfere
	attached	

## Fix the Sentence **Answers**

1. before every spelling test i trying to memorate each word but I often do'nt get full marks?  
**Before every spelling test, I try to memorise each word but I often don't get full marks.**
2. Are healthy took shop which cells a range of nutritious snacks were open for busyness every morning brake.  
**Our healthy tuck shop, which sells a range of nutritious snacks, is/was open for business every morning break.**
3. in his briefcase the spesial agent was kepted all of his confidenshul documents!  
**In his briefcase, the special agent kept/was keeping all of his confidential documents.**

# The Mystery of the Stolen Space Suit **Answers**

## Clue 1: Space Sentences

Space Sentence	✓ or ✗
The astronauts, who come from all over the world have prepared for this mission for months.	✗
"I have waited for this chance for years," said one of the astronauts – she was actually one of the older astronauts.	✓
Unfortunately, the space food (most of the astronauts dislike) has disappeared from the storage cupboard.	✓
Mission control, which is located in Paris, has delayed the take-off.	✓
Tom Peek – one of the British astronauts has eaten all of the space food.	✗
Luckily, the Space Agency stored extra food in a safe place they kept this a secret.	✗
Finally, the spare food (mainly baked beans) has been packed into the rocket.	✓
The rocket, with its extra food stores, has taken off safely.	✓


Answer to clue 1: **There were 3 crosses and 5 ticks. There were more ticks so the culprit is male.**

## Clue 2: Space Suit Suffix Sort-Out!


pollen (pollinate)	solid (solidify)	vandal (vandalise)
elastic (elasticate)	test (testify)	fertile (fertilise)
alien (alienate)	intense (intensify)	advert (advertise)
		final (finalise)

Answer to clue 2: **The suffix with the most root words is ise, so the culprit's uniform is silver.**


Clue 3: Super Space Synonyms




**big**  
colossal  
mountainous  
gargantuan



**small**  
diminutive  
minuscule  
nanoscopic



**slow**  
unhurried  
steadily



**fast**  
turbo  
speedy  
swift  
zippy

Answer to clue 3: The nationality of the astronauts who found the most synonyms was **British**.

Clue 4: Avoid the Active Asteroids!

<b>Start</b>				
The space suit was taken by <del>the culprit</del> the astronauts.	The mission <del>was delayed by the culprit</del> required by the incident.	Rocket Red ate the space food.	The delayed mission devastated Orion Orbit.	
The incident delayed the mission.	The culprit will be discovered by the Detective Chief Inspector.	One of the astronauts took the space suit.	Esther Earthshine lost the navy blue uniforms.	
The Detective Chief Inspector will discover the culprit.	The space food was eaten by Rocket Red.	Carina Cosmo is the oldest astronaut on the mission.	Lyra Light spotted the space suit on a well-known auction site.	
Apollo Atom is the youngest person to ever join astronaut training.	Orion Orbit was devastated by the delayed mission.	The navy blue uniforms were lost by Esther Earthshine.	Juno Jupiter has been on five missions in the past.	
Norma Nebular packed the silver uniforms.	During the mission, the astronauts will receive regular messages from home.	The space suit was spotted in a well-known auction site by Lyra Light.	The rocket will orbit the planet for 40 days and nights.	



Clue 5: Hyphens Go into Hyperdrive

Space Sentence	✓ or ✗
During my first mission, we saw thirty-one large asteroids one day.	✓
Taking-off is the most dangerous part of any space mission.	✗
It can be difficult not to be bad-tempered when spending a lot of time in space with the same people.	✓
On my last mission, I worked with the all-knowing Belinda Bright.	✗
As we headed back home, I was hopeful that our reentry into the Earth's atmosphere would go smoothly.	✗
I was sent on a spacewalk to re-cover some exposed electrical wires.	✓
Before any mission, it is important to re-search the planet you will be visiting.	✗
On the space station, we re-cycle all of our water through a complicated system.	✗

Answer to clue 5: There were **5** crosses and **3** ticks. There were more crosses so the culprit is **less than 30 years old**..

The culprit is Wolf White!

# Answers

1. Peter Jaeger is experienced at uncovering new spider species. Find and copy a piece of evidence that shows this.  
**In fact, this is the 400<sup>th</sup> species of spider he’s discovered!**
2. Find and copy two other animals that have been named after Greta Thunberg.  
**Accept a beetle and a snail.**
3. Do you think Greta should have missed school to protest? Explain your opinion.  
**Accept any reasonable opinion with an appropriate explanation referring to the story, e.g. I don’t think she should have missed school because she would have missed important learning.**
4. Number the following events from 1-4 in the order they occurred. The first has been done for you.  

2

 Greta visited the UK.

3

 Greta sailed to the USA.

4

 Greta was named TIME Person of the Year.

1

 Greta Thunberg protested outside the Swedish parliament.
5. ‘He said, “Her commitment to the fight against climate change and for a better future on our planet is impressive.”’  
Tick the word that is closest in meaning to ‘commitment’.
- ☒

**determination**
- ☐

 helped
- ☐

 reluctance
- ☐

 understanding

6. Do you think more species will be named after Greta Thunberg? Explain your answer using evidence from the story.  
**Accept any reasonable answer that provides evidence from the story, e.g. I think more species will be named after Greta Thunberg because she seems to inspire scientists as three species have already been named after her.**

# Answers

1. How are queen bees created?  
**The larvae are fed ‘royal jelly’.**
2. The sentence “Honeybees, like all pollinators, are very important to our environment.” suggests that...  

☐

 Without honeybees, no plants would be pollinated.

☒

**Honeybees are very helpful in the pollination of plants.**

☐

 Honeybees are important but don’t help with pollination.

☐

 Honeybees like other pollinators.
3. Tick the boxes to show if each statement is true or false.
- |   | True                                | False                               |
|---|-------------------------------------|-------------------------------------|
| The scientists think the queen bee ‘quacks’ to let the worker bees nearby know that she is ready to swarm.  |                                     | <input checked="" type="checkbox"/> |
| The scientists think the queen bee ‘quacks’ to let the worker bees nearby know that she is ready to emerge. | <input checked="" type="checkbox"/> |                                     |
| If two queen bees emerge at the same time, they work together to build a stronger hive.                     |                                     | <input checked="" type="checkbox"/> |
| The researchers hope their findings will help beekeepers.   | <input checked="" type="checkbox"/> |                                     |
4. Which of these alternative headlines best summarises the story?  

☐

 Pollinators under Threat from Queen Bees

☐

 Honeybees Play Instruments

☒

**Queen Bees Talk to Their Workers**

☐

 Bees Communicate with Other Species
5. In the paragraph beginning “So, the worker bees...”, which word means ‘a series of events or processes that is repeated again and again’?  
**cycle**
6. Explain how this new theory about why queen bees ‘toot’ and ‘quack’ is different from what scientists used to think the noises were for.  
**Accept an answer which references the sounds the queen bees make being for the workers rather than aimed at other queen bees, e.g. They used to think the queen bees were talking to each other; now, they think the queen bees are talking to the worker bees.**



Page 1: Pirate-Themed Mental Calculations Code Breaker

Answer	Letter	Answer	Letter
121	a	7044	n
642	b	872	o
125	c	14	p
8	d	42	q
12	e	7704	r
11	f	27	s
16	g	84	t
22	h	100	u
216	i	27	v
48	j	64	w
49	k	120	x
36	l	66	y
603	m	144	z

Answer	Letter
64 200 ÷ 100	b
10 <sup>2</sup>	u
0.125 × 1000	c
5 <sup>3</sup>	c
$\frac{11}{12}$ of 132	a
15184 – 8140	n
$\frac{3}{7}$ of 28	e
$\frac{2}{11}$ of 66	e
4052 + 3652	r

Answer	Letter
1400 ÷ 10 <sup>2</sup>	p
6 <sup>2</sup>	l
0.121 × 10 <sup>3</sup>	a
8140 – 1096	n
7 <sup>2</sup>	k

3 <sup>3</sup>	27	s
8053 – 7932	121	a
6 <sup>3</sup>	216	i
4 × 3 <sup>2</sup>	36	l

$\frac{7}{12}$ of 24	14	p
11 <sup>2</sup>	121	a
36 357 – 28 653	7704	r
6992 + 712	7704	r
25 652 – 24 780	872	o
$\frac{7}{12}$ of 144	84	t

5184 – 5059	125	c
1.21 × 10 <sup>2</sup>	121	a
$\frac{2}{5}$ of 35	14	p
0.084 × 1000	84	t
11 <sup>2</sup>	121	a
21600 ÷ 100	216	i
7.044 × 10 <sup>3</sup>	7044	n

5 <sup>3</sup>	125	c
10 <sup>2</sup>	100	u
0.84 × 100	84	t
6 <sup>2</sup>	36	l
$\frac{11}{100}$ of 1100	121	a
3 <sup>3</sup>	27	s
$\frac{3}{8}$ of 72	27	s

Page 2: Pirate-Themed Mental Calculations Code Breaker (Continued)

p	a	r	o	t	f	g	h	i	j	k	l
m	n	p	q	r	s	t	u	v	w	x	
y	z	a	b	c	d	e	f	g	h	i	j
k	l	m	n	o	p	q	r	s	t	u	v
w	x	y	z	a	b	c	d	e	f	g	h
s	j	k	l	m	n	o	p	q	r	s	t
n	v	w	x	y	z	a	b	c	d	e	f
a	h	i	j	k	l	m	n	o	p	q	r
i	s	u	v	w	x	y	z	a	b	c	d
l	f	a	h	i	j	k	l	m	n	o	p
q	e	a	p	t	a	i	n	y	s	a	b
c	d	e	f	g	h	i	j	k	l	m	n

buccaneer	plank
sail	parrot
captain	cutlass

Page 3: Maths Activity Mat

Section 1

Smallest: 1 101 011
1 110 101
1 100 111
Largest: 1 010 011

Section 2

380
-----

Section 3

0.4 × 100 = 40
0.9 × 100 = 90
0.7 × 100 = 70

Section 4

$\frac{8}{12} = \frac{2}{3}$   
 $\frac{15}{25} = \frac{3}{5}$

Section 5

0.2kg = 200g  
1490g = 1.49kg  
1.2kg = 1200g

Section 6

88 boxes

Section 7

Example shapes that could appear in each section:

One right angle: **Irregular pentagon and hexagon with at least one right angle**  
Four sides or less: **Equilateral triangle, isosceles triangle (no right angle)**

Both: **Right angled triangle, square**

Outside: **Regular hexagon, regular octagon**

Section 8

Cheese and Onion: **4**  
Salt and Vinegar: **12**  
Smokey Bacon: **8**

Page 4: Pirate Flags

Flag 1: Red =  $\frac{1}{3}$  **15 squares**

Green =  $\frac{1}{6}$  **7.5 squares**

Blue =  $\frac{1}{2}$  **22.5 squares**

Page 4: Pirate Flags (Continued)

Flag 1: Area = 45cm<sup>2</sup>

Perimeter = 32cm

Flag 2: Red =  $\frac{1}{4}$  8.5 squares

Green =  $\frac{1}{8}$  4.25 squares

Blue =  $\frac{1}{2}$  17 squares

White =  $\frac{1}{8}$  4.25 squares

Area = 34cm<sup>2</sup>

Perimeter = 28cm

Page 5: Pirate-Themed Mental

Calculations Mosaic

3997 + 4265 = 8262	5688 + 6526 = 12214	7054 + 4071 = 11125	4230 + 5217 = 9447
5018 + 5404 = 10422	6143 + 6857 = 12999	7033 + 5567 = 12600	4954 + 5625 = 10579
6146 + 6177 = 12323	6535 + 6927 = 13462	5693 + 5752 = 11445	5587 + 6746 = 12333
4569 + 5334 = 9903	2956 + 4017 = 6973	3561 + 2787 = 6348	4489 + 5413 = 9902
3963 + 2957 = 6920	3016 + 5304 = 8320	5892 + 3520 = 9412	4755 + 2567 = 7322
4588 + 8771 = 13359	2676 + 3455 = 6131	4037 + 2560 = 6597	4508 + 7326 = 11834
3706 + 6512 = 10218	3453 + 2527 = 5980	4037 + 3953 = 7983	5603 + 7077 = 12680
3914 + 4587 = 8501	7521 + 5516 = 13037	4274 + 3990 = 8264	5400 + 9000 = 14400
4657 + 8456 = 13113	9945 + 9314 = 19259	8878 + 9426 = 18304	5314 + 9260 = 14574
6608 + 9466 = 16074	9214 + 8389 = 17603	9754 + 4620 = 14374	9694 + 9927 = 19621

Extra Challenge:

8513 - 30 = 8473 is incorrect.

The answer should be 8483.

7204 + 8991 = 16195	4526 + 6968 = 11494	5517 + 8456 = 13973	8339 + 8917 = 17256
7777 + 8526 = 16303	3953 + 4083 = 8036	7278 + 8926 = 16204	9150 + 8512 = 17662
7826 + 6889 = 14715	5095 + 7834 = 12929	3993 + 8186 = 12179	8414 + 2666 = 10680
7842 + 7517 = 15359	8096 + 8278 = 16374	4606 + 8532 = 13138	7433 + 4032 = 11470
7077 + 8086 = 15163	7322 + 8135 = 15457	5122 + 7661 = 12783	2083 + 8994 = 11077
7053 + 5486 = 12539	5989 + 5294 = 11283	4525 + 7002 = 11527	5475 + 7047 = 12522
7007 + 5786 = 12793	2644 + 3146 = 5790	2991 + 4035 = 7026	5687 + 5021 = 10707
5479 + 5733 = 11212	3267 + 4001 = 7268	2722 + 2033 = 4795	5555 + 7006 = 12561
7018 + 5516 = 12534	3566 + 3990 = 7556	4035 + 2543 = 6578	6017 + 6712 = 12729
5806 + 7046 = 12852	1567 + 2034 = 3601	3932 + 1568 = 5469	7092 + 5606 = 12698

Extra Challenge:

2117 + 59 > 2223 - 89

True, 2176 is greater than 2134

9486 + 99 < 9568 - 71

False, 9585 is not less than 9497

1.5 + 3.2 = 4.7	9.2 + 4.4 = 13.6	22.3 + 2.1 = 24.4	200 + 20 = 220	3.5 + 2.3 = 5.8	4.4 + 1.5 = 5.9	7.5 + 3.2 = 10.7
2.4 + 3.1 = 5.5	17.6 + 2.2 = 19.8	11.3 + 0.8 = 12.1	3.6 + 0.2 = 3.8	1.8 + 1.9 = 3.7	9.7 + 0.2 = 9.9	7.4 + 2.5 = 9.9
4.0 + 1.1 = 5.1	3.7 + 3.9 = 7.6	5.6 + 2.2 = 7.8	6 + 2 = 8	4.2 + 1.6 = 5.8	4.7 + 1.2 = 5.9	2.8 + 2.9 = 5.7
6.1 + 1.5 = 7.6	10.5 + 2.8 = 13.3	8.4 + 6.6 = 15	3.7 + 1.1 = 4.8	6.5 + 4.1 = 10.6	3.4 + 0.6 = 4	30 + 3.7 = 33.7
9.6 + 5.2 = 14.8	9.9 + 2.2 = 12.1	13 + 0.3 = 13.3	198 + 7.9 = 205.9	18.4 + 0.2 = 18.6	131 + 13 = 144	3.8 + 0.8 = 4.6
10.9 + 4.3 = 15.2	2.7 + 3.4 = 6.1	4.9 + 3.8 = 8.7	11.1 + 0.8 = 11.9	12.6 + 1.7 = 14.3	2.6 + 1.6 = 4.2	1.8 + 3.7 = 5.5
2.2 + 2.3 = 4.5	1.9 + 3.5 = 5.4	4.9 + 7.2 = 12.1	3.9 + 6.3 = 10.2	3.3 + 3.7 = 7	12.8 + 3.4 = 16.2	1.8 + 2.9 = 4.7
4.2 + 1.4 = 5.6	1.7 + 2.5 = 4.2	3.3 + 2.5 = 5.8	2.3 + 0.4 = 2.7	4.5 + 4.2 = 8.7	10.5 + 3.4 = 13.9	0.5 + 4.2 = 4.7
6.1 + 1.3 = 7.4	8.6 + 3.7 = 12.3	3.4 + 6.3 = 9.7	3.4 + 0.9 = 4.3	3.2 + 2.1 = 5.3	7.2 + 0.9 = 8.1	16.6 + 2.6 = 19.2
3.2 + 2.1 = 5.3	11 + 4.7 = 15.7	6.2 + 1.9 = 8.1	9.2 + 2.1 = 11.3	5.8 + 2.3 = 8.1	10.7 + 2.9 = 13.6	200 + 5.2 = 205.2

Extra Challenge:

Various answers are possible – for

example, 12.1 – 1.3 because the other

answers all have 7 in the tenths column or

14.8 + 0.9 because its answer has an odd

number of ones.

Page 9-13: The Mystery of the Missing Pirate Treasure

Clue 1

	Right ✓	Wrong ✗
32.6 - 21.52 = 11.8		✗ (11.08)
10.04 + 17.37 = 27.41	✓	
2.3 + 1.84 + 3.07 = 6.94		✗ (7.21)
95.32 - 26.86 = 68.46	✓	
1.257 + 15.682 = 16.939	✓	
68.72 - 39.562 = 29.162		✗ (29.158)
15.686 + 39.868 = 55.554	✓	
107.248 - 57.3 = 49.948	✓	
84.732 - 69.92 = 14.64		✗ (14.812)
Total	5	4

Clue 1: The buried treasure is more than 150 metres above sea level.

Clue 2

Use written methods of multiplication and division to solve these calculations. Colour the answers in the table below. Re-arrange the shaded words to find the second clue.

1. $18 \times 36 = 648$	2. $756 \div 9 = 84$	3. $8.2 \times 12 = 98.4$
4. $1024 \div 8 = 128$	5. $19 \times 28 = 532$	6. $65 \times 92 = 5980$

98.4 the	92.4 is more than	88 one thousand	540 six thousand
84 of the	532 population	640 five thousand	130 four thousand
648 island	128 is less than	5980 ten thousand	6980 three thousand

Clue 2: The population of the island is less than ten thousand.

10. The time of night when everyone had to cover their windows and doors was known as a **blackout**.

Page 19-25: The Missing Emojis: SPaG Problem-Solving Mystery Game

Clue 1: Formal or Informal Footprints?

Formal	Informal
profession	job
immediately	now
opportunity	chance
sufficient	enough
sacrifice	give up
injustice	
spectacles	

The culprit wore **smart shoes**.

Clue 2: Silly Synonyms

<b>Poorly</b>	<b>Angry</b>
peaky	irate
ailing	annoyed
unwell	furios

<b>Confused</b>	<b>Happy</b>
baffled	ecstatic
muddled	overjoyed
bewildered	gleeful
perplexed	jovial
puzzled	

The emoji with the most synonyms is **confused** so this must be the worker's favourite emoji.

Clue 3: Prefix Packets

<b>re-</b>	<b>dis-</b>	<b>over-</b>
connect	connect	take
act	courage	act
appoint	appoint	sleep
do	agree	do
read		
take		

The prefix with the most words is **re-** so the culprit's favourite snack is **chocolate**.

Clue 4: Eye-Spy the Culprit!

immediate	stunach	lightning	imdate	comtee	disasterous	queue
foreign	sugnet	feature	equip	musde	individual	degrate
restaurant	borqin	orkward	mischevious	snoare	disconory	familiar
recommend	persuade	programme	determined	especialy	hindrance	develope
curiosity	acording	sacrifse	concease	contraversy	forty	explanacion
communicate	system	gush	shoulder	rhythm	equipment	embarrass
variety	recognise	suficent	rhyme	signature	convience	bruze
neighbour	frequently	correspond	camerary	relevant	nuisance	marvelous
vegetable	profission	onious	twelfth	prejudice	ancient	physical
achieve	equat	vehical	acompany	immeasure	symbol	average
pronunciation	exagrate	garantee	secretry	identity	necessary	parliament
privilege	temperature	criticize	language	apparent	avaiable	excellent
thorough		harass	community		accusy	

The culprit **wears** glasses.

Clue 5: Terrible Texting

**Corrections (Accept any relevant**

**punctuation – semi-colon, colon, dash)**

I'm sorry - it was me. the emojis were annoying me: it felt like they were taking over the world!

I thought people would appreciate a day without emojis; I know I did!

I have never done anything like this before; it was wrong of me.

**There are 4 missing boundaries between independent clauses so the thief's house number is 4.**

**The culprit was Craig Cry.**





**Thank you  
for being  
amazing!**



You're

a

star

