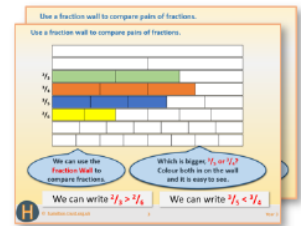


# Sorting 2D shapes.

Start by reading through the **Learning Reminders**.



Tackle the questions on the **Practice Sheet**.  
There might be a choice of either **Mild** (easier)  
or **Hot** (harder)!



Finding it a bit tricky? That's OK... have a go  
with a grown-up at **A Bit Stuck?**



Have I mastered the topic? A few questions to  
**Check your understanding**.  
Fold the page to hide the answers!

# Learning Reminders.

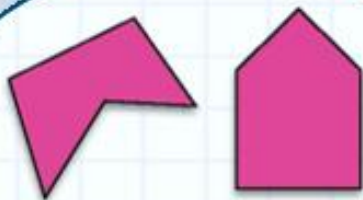
Describe and recognise regular and irregular 2-D shapes.



What's the same about these shapes?  
What's different about them?

All the sides of the shapes are straight but the number of sides is different!

Describe and recognise regular and irregular 2-D shapes.



These each have 5 sides and are **pentagons**.  
'Pent' means 5 (it comes from Greek penta).



These each have 6 sides and are **hexagons**.  
'Hex' means 6.

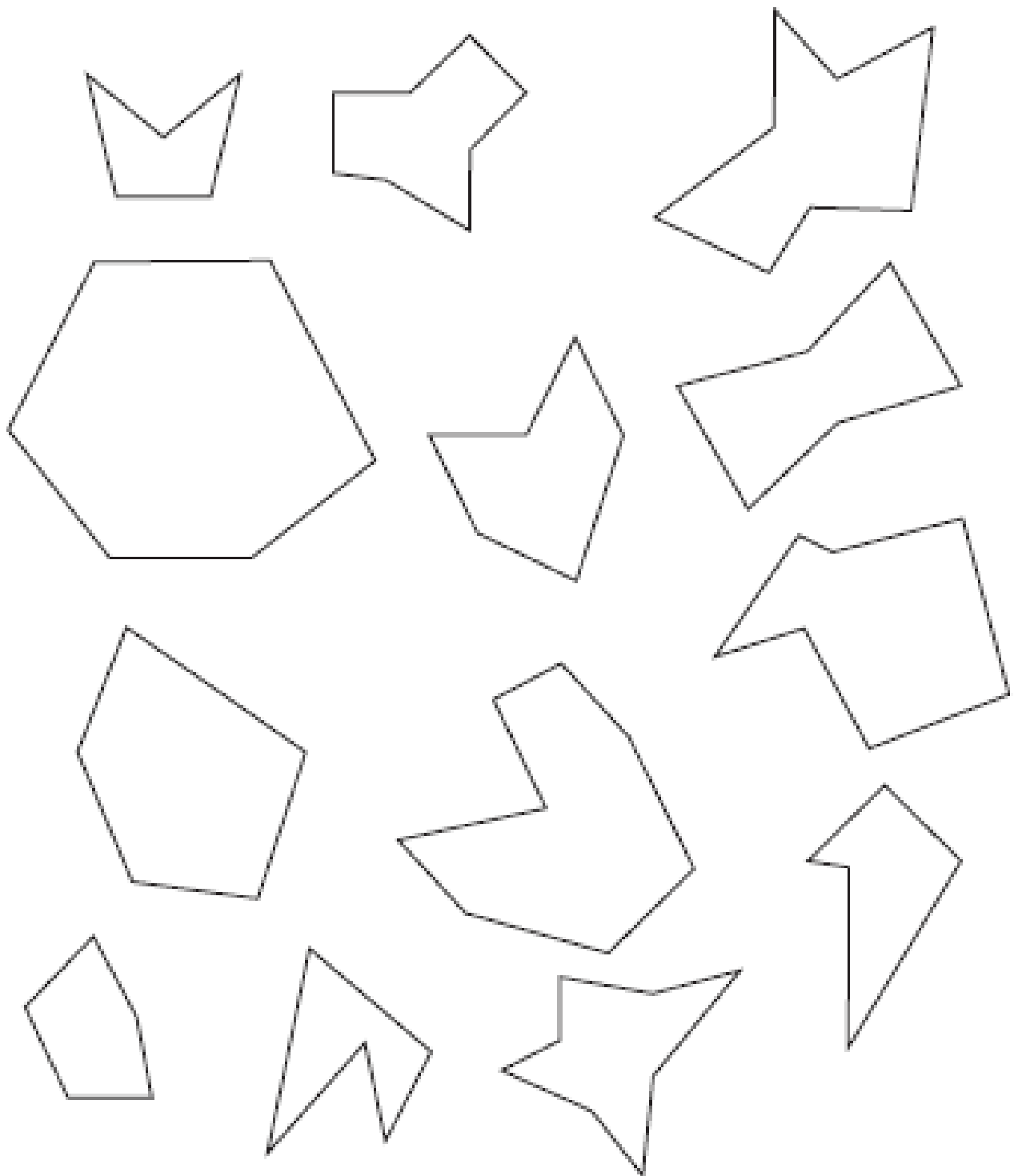


This shape has 8 sides. It is called an **octagon**. 'Oct' means 8. Can you think of any other words beginning 'oct-'?

## Practice Sheet Mild

Shape practice.

Colour the pentagons blue, the hexagons green and the octagons orange.



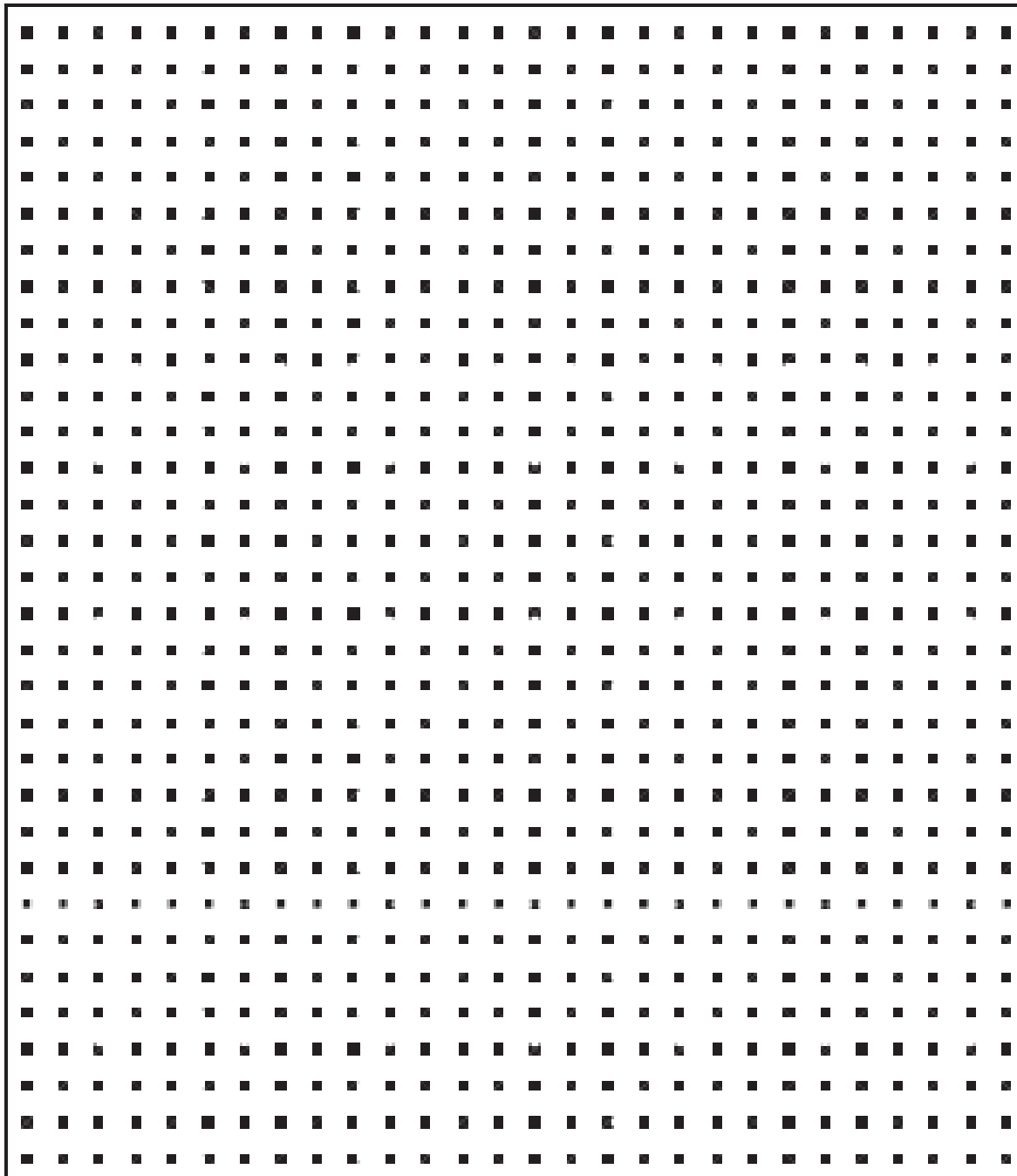
### Challenge

Are there any shapes left over? Draw two more shapes that have the same number of sides. Can you name these shapes?

## Practice Sheet Hot

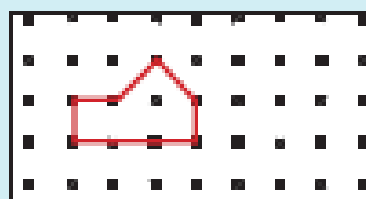
Shape practice

Draw and label different looking pentagons, hexagons and octagons.



### Challenge

Sarah drew this shape on her grid:  
She said, "It's an octagon because it goes through 8 dots."  
Do you agree with her?



## A Bit Stuck?

Match the shapes to the right set

Pentagons

Hexagons

Octagons

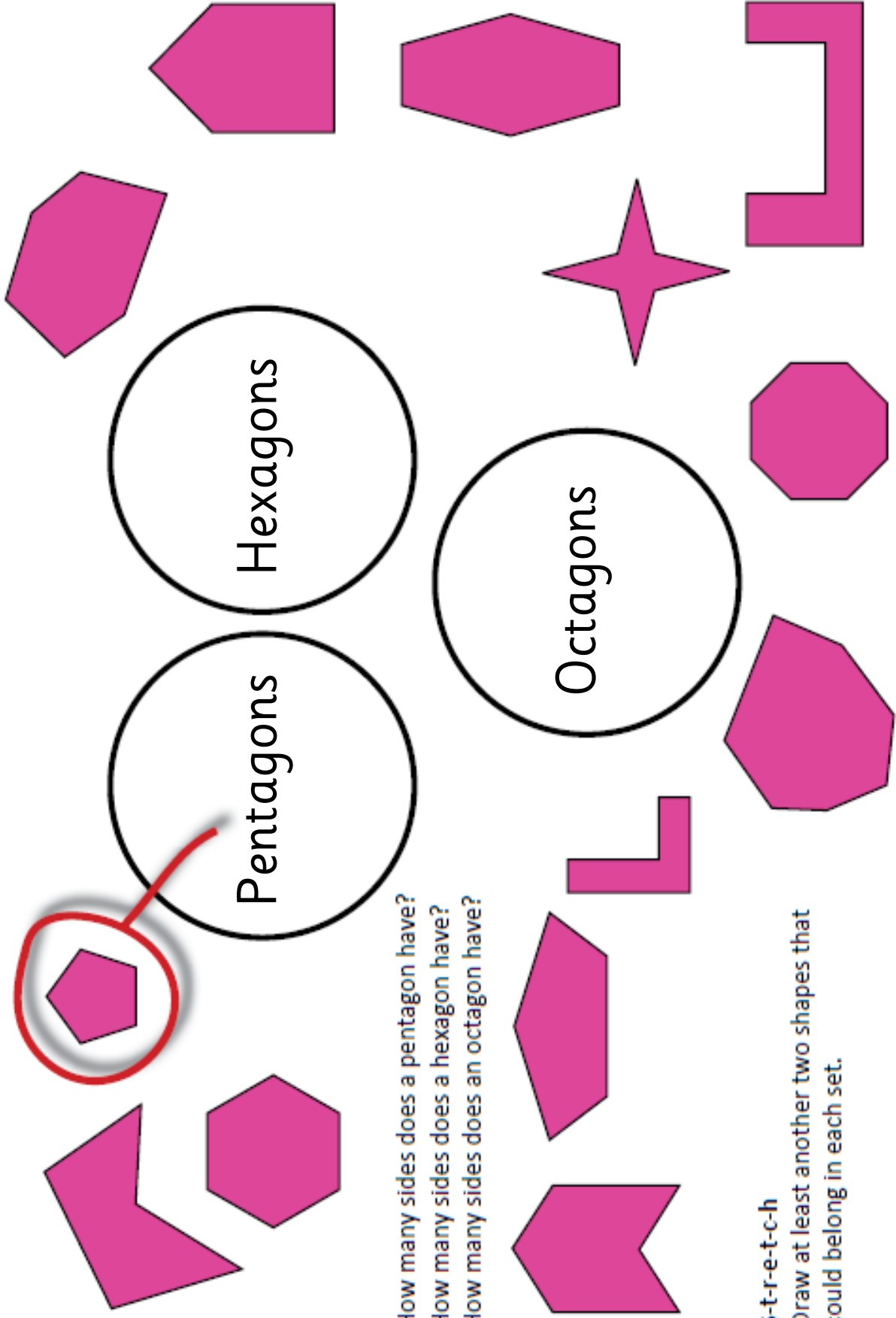
How many sides does a pentagon have?

How many sides does a hexagon have?

How many sides does an octagon have?

S-t-r-e-t-c-h

Draw at least another two shapes that could belong in each set.



## Check your understanding:

### Questions.

Draw at least three differently shaped, irregular hexagons.

Draw another that has one line of symmetry.

### True or false?

- All hexagons have straight sides
- A pentagon is always house-shaped
- Any shape with four sides and four right angles is a type of rectangle
- A hexagon could have four right angles