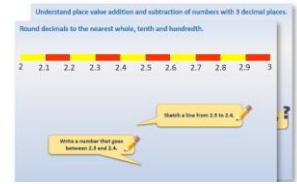


# Using a Venn Diagram for sorting.

If possible watch the **PowerPoint Presentation** with a grown-up.



OR start by carefully reading through the **Learning Reminders**.

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

Place value addition and subtraction

Practice Sheet (Hot)

1. $4.518 + 0.2$	2. $4.518 + 0.01$
3. $4.518 - 0.004$	4. $4.518 - 0.02$
5. $4.231 + 0.11$	6. $4.231 - 0.101$
7. $4.231 + 0.011$	8. $5.846 - 0.211$
9. $5.846 - 0.13$	10. $5.846 - 0.013$
11. $5.846 - 0.204$	12. $4.789 + 0.001$

Challenge

Round 4.527  
Add tenths and hundredths to make an addition chain ending with the number 4.627  
Round 4.627  
Subtract tenths, hundredths and thousandths to make a subtraction chain ending with the number 4.102

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

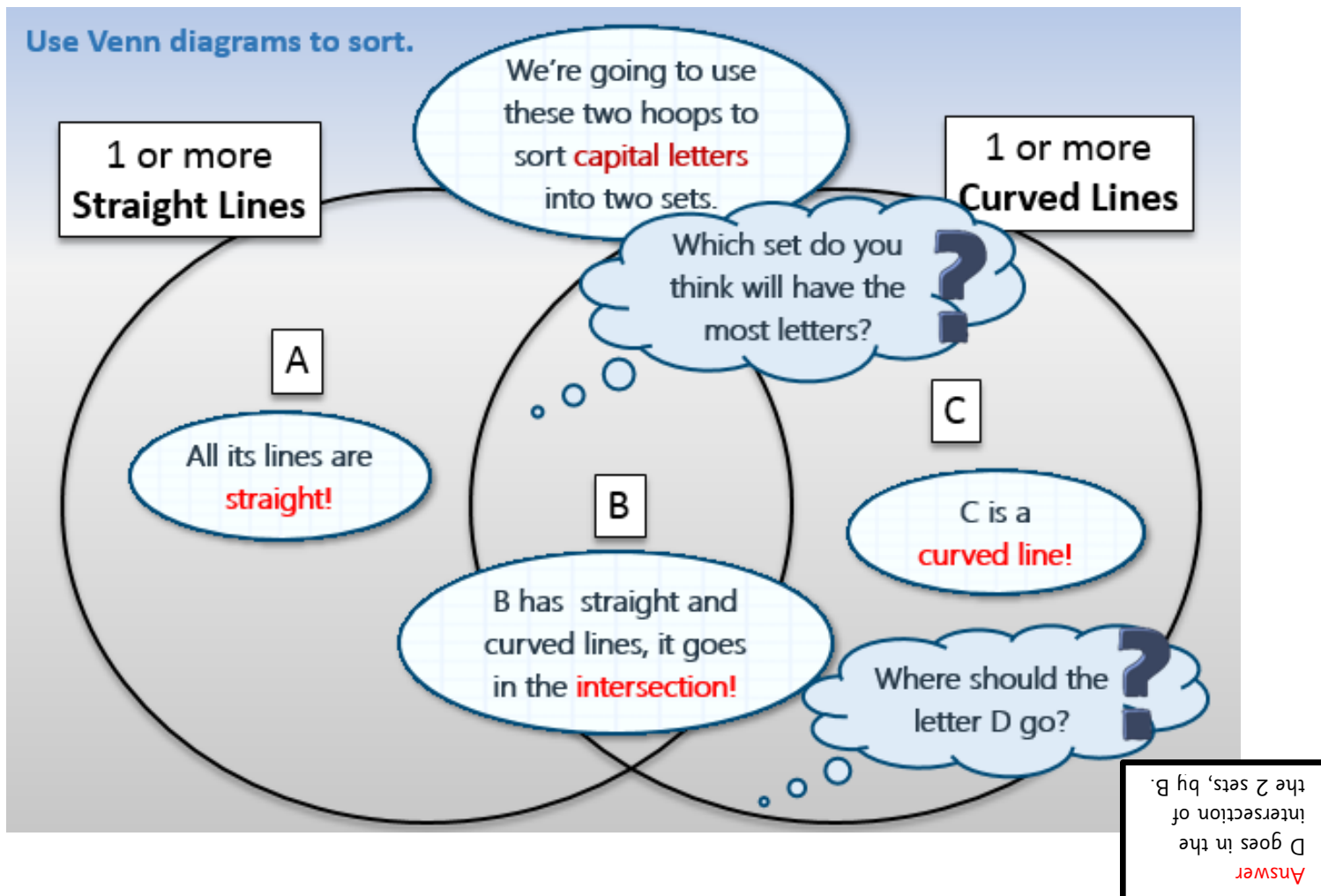
Decide the decimal

1s	0.1s	0.01s	0.001s

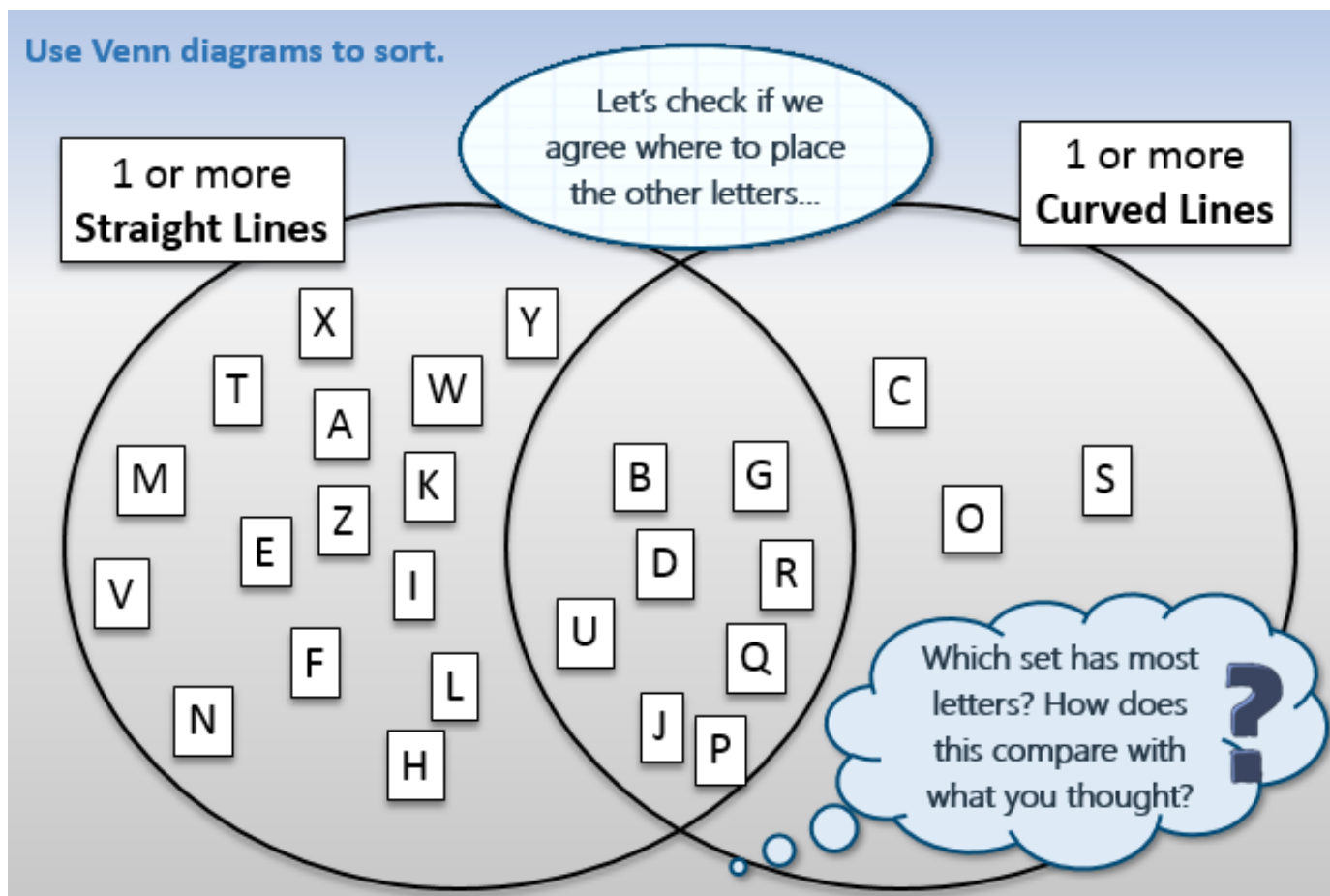
Think you've cracked it? Whizzed through the Practice Sheets?  
Have a go at the **Investigation**...

# Learning reminders

Use Venn diagrams to sort.



Use Venn diagrams to sort.

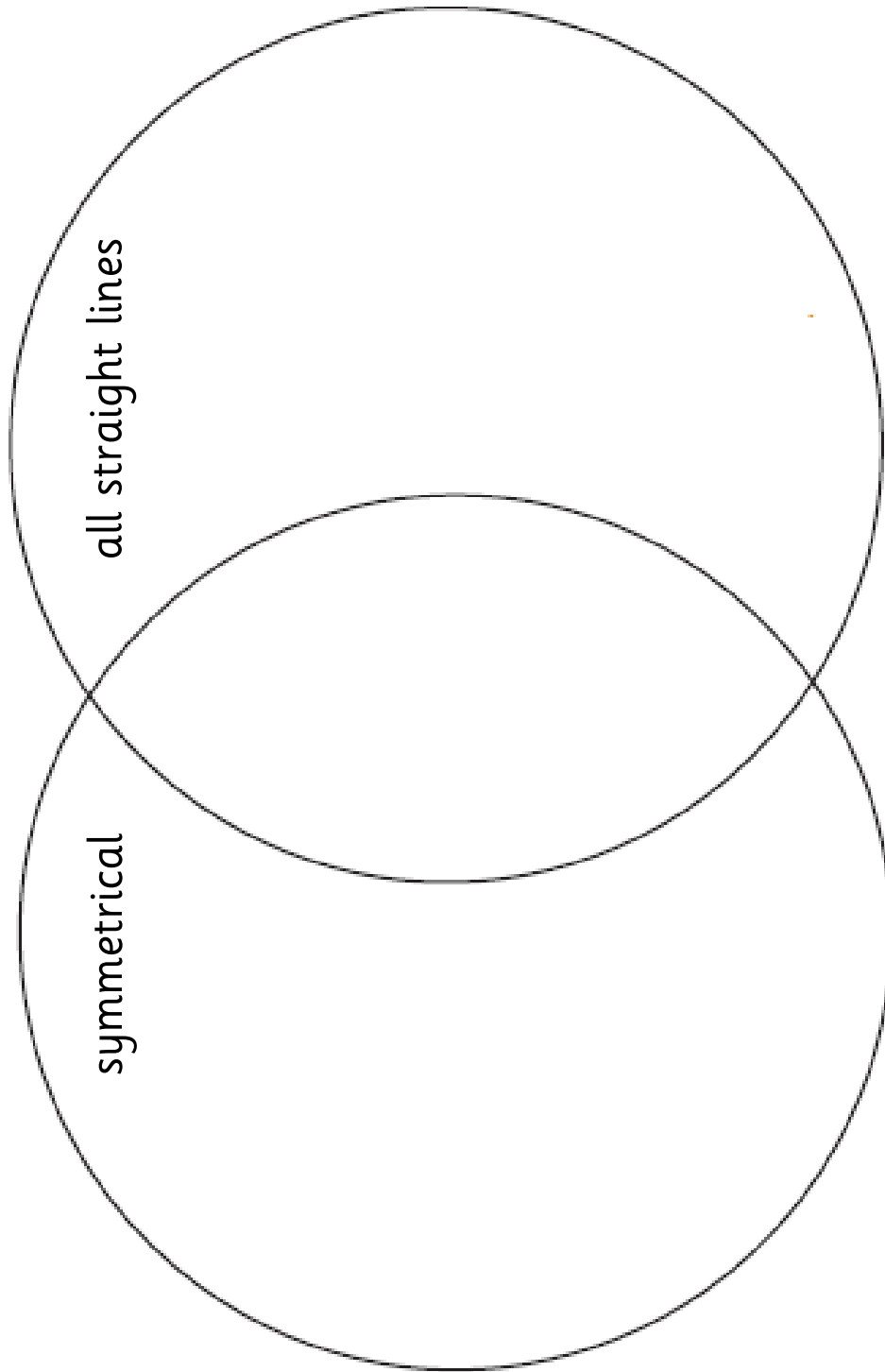


# Practice Sheet

## Venn diagram

Write the following numbers on your Venn diagram. Will there be any numbers that don't fit in either set?

0 1 2 3 4 5 6 7 8 9



## Practice Sheet answers

### Venn diagram

Numbers that don't fit in either set.

2

5

6

9

symmetrical

all straight lines

0

3

8

1

4

7

## A Bit stuck?

What's in your name?

A B C D E  
F G H I J

What to do:

- Write your first name using CAPITAL LETTERS e.g. RAJESH.
- Sort the letters in your name into letters with some curved lines e.g. R and letters with no curved lines e.g. A.

Some curved lines	No curved lines
R	A

- Does your name have more letters with some curved lines or more letters with no curved lines?
- Choose someone in your home or in your family.
- Do you think their name will have more letters with some curved lines or more letters with no curved lines?
- Write it using capital letters then sort the letters to find out.

### *S-t-r-e-t-c-h:*

Write a word which only uses letters which have some curved lines! And another...

Write a word which only uses letters which have straight lines! And another...

## Investigation

### Word challenge

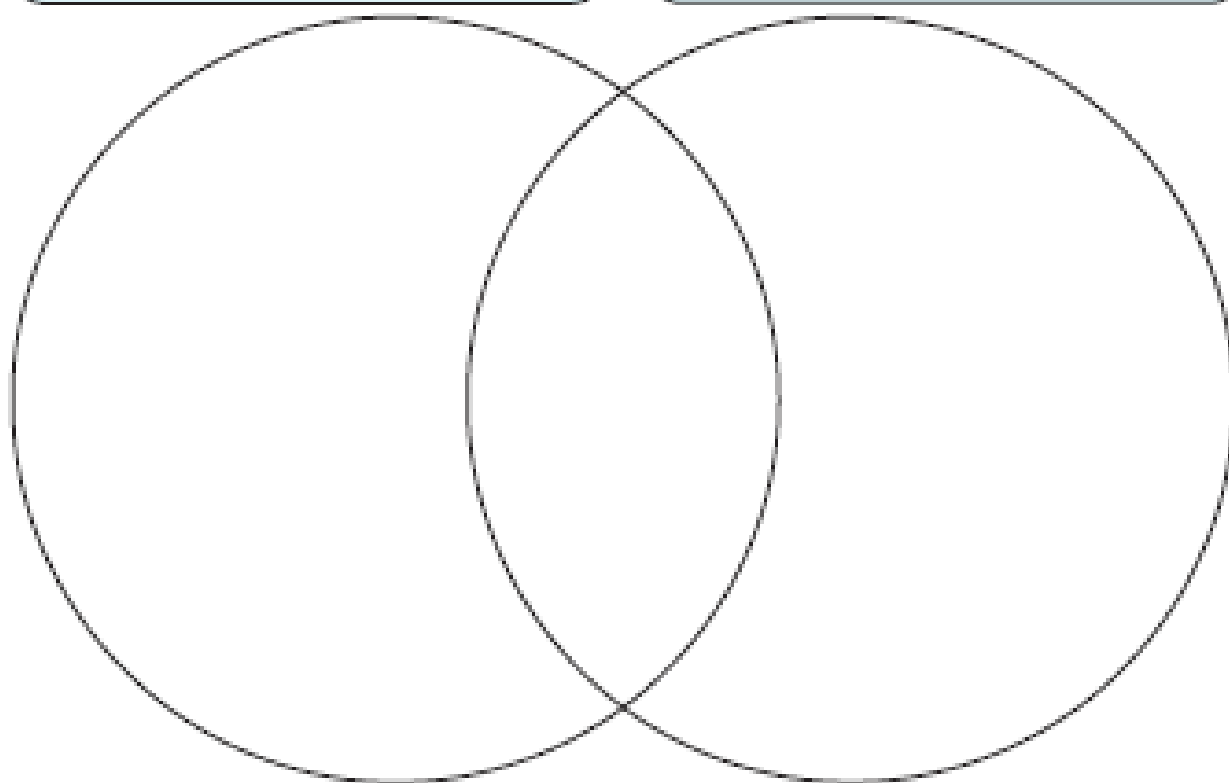
Your challenge is to write as many 3-letter words as you can in each part of this Venn diagram!

Use capital letters to write your words.

Where does CAT belong? And HAT?

Letters in the word have 1 or more  
**Straight Lines**

Letters in the word have 1 or more  
**Curved Lines**



Which sections did you find easy?

Which were harder? Why?

Were any impossible? If so why?