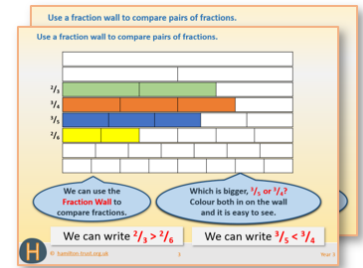


# Week 8, Day 4

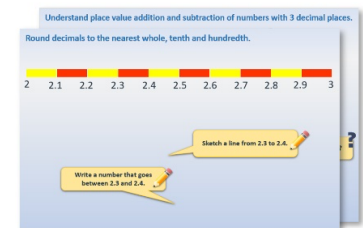
## Use a Venn diagram for sorting

Each day covers one maths topic. It should take you about 1 hour or just a little more.

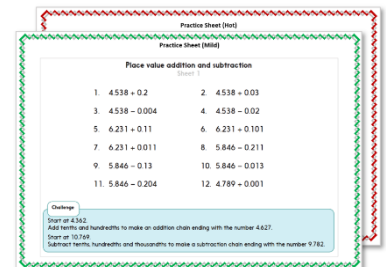
1. If possible, watch the **PowerPoint presentation** with a teacher or another grown-up.



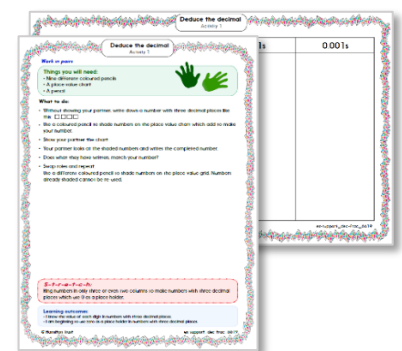
OR start by carefully reading through the **Learning Reminders**.



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

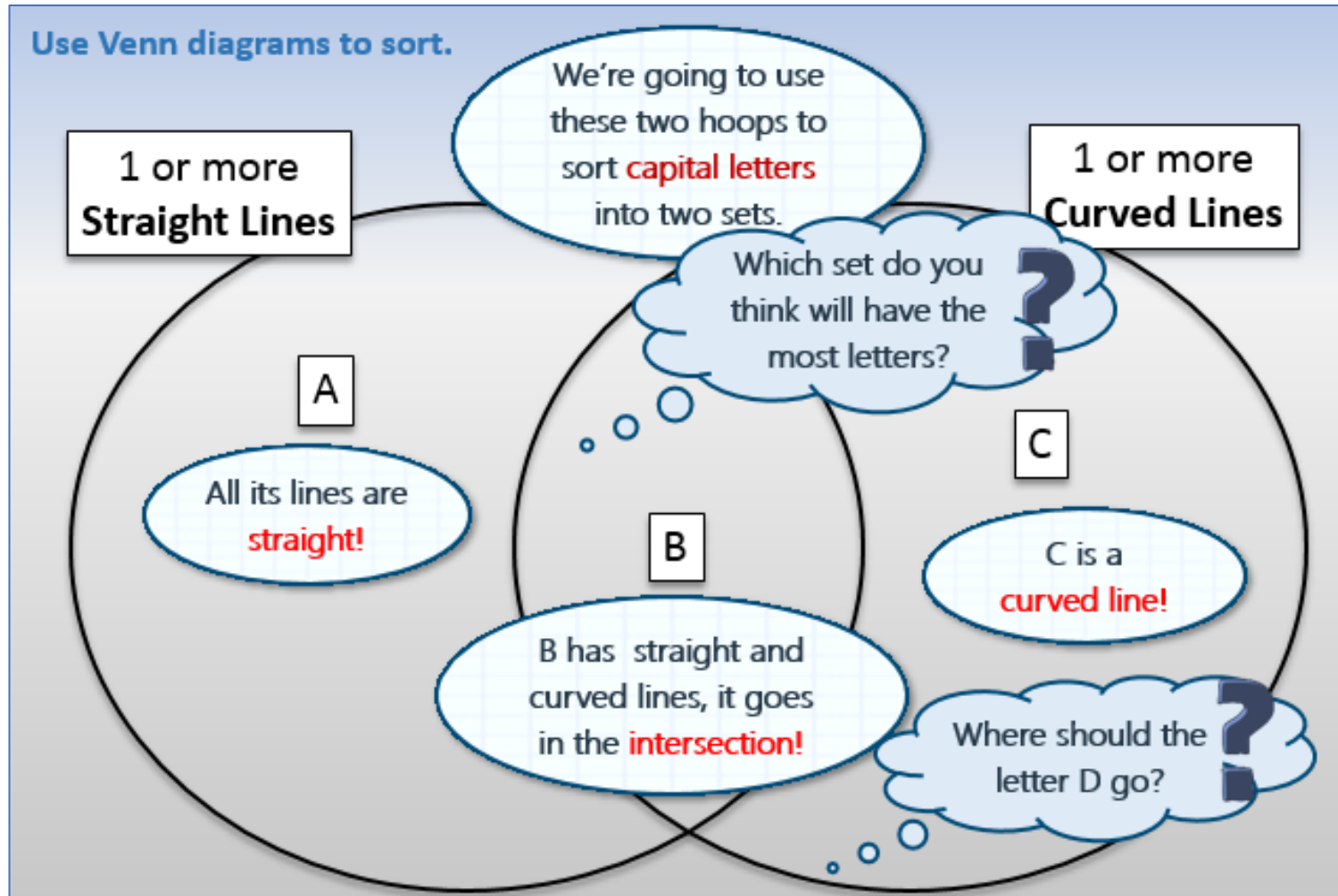


3. Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**



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

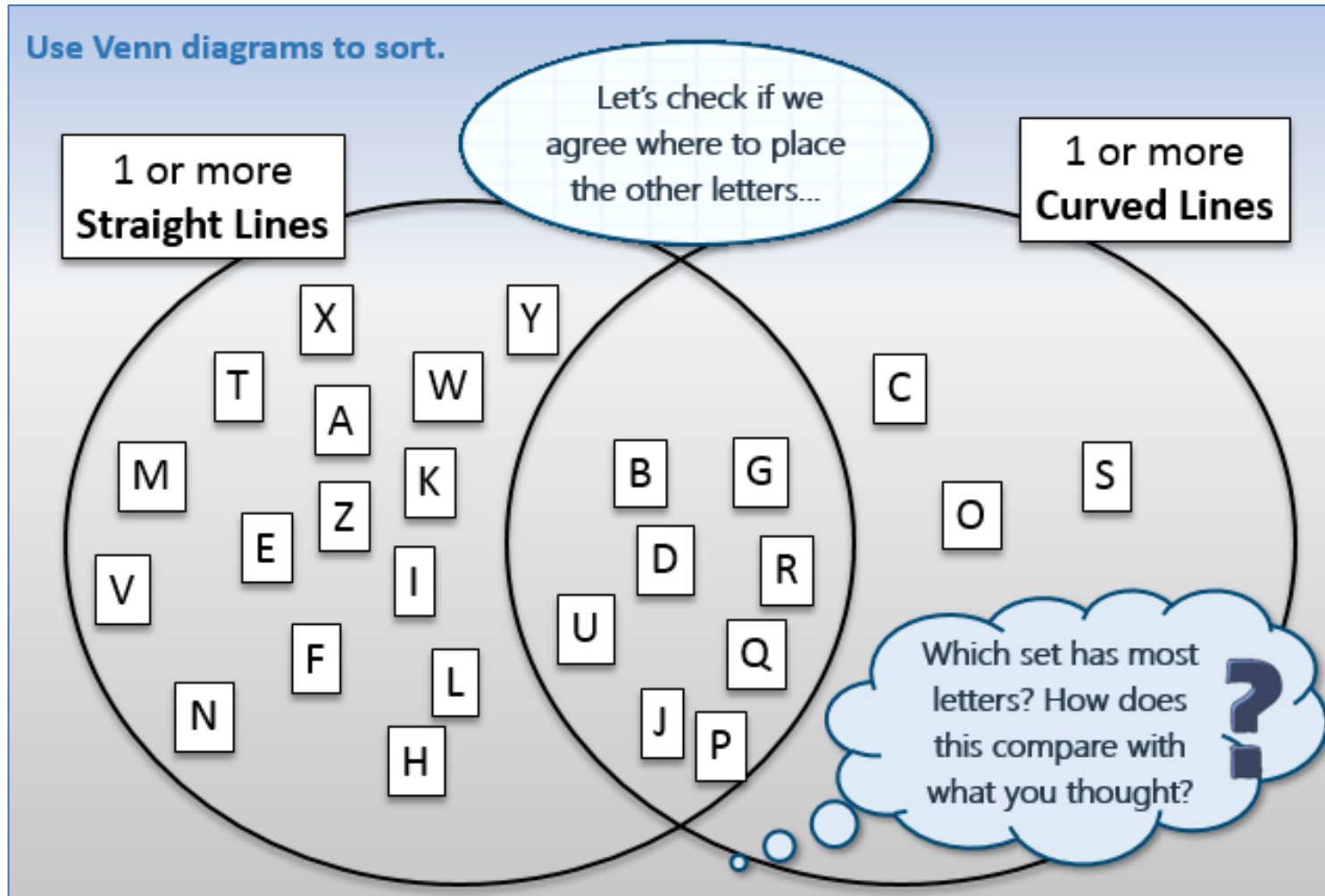
## Learning Reminders



D goes in the intersection of the two sets, alongside B.

**Answer**

## Learning Reminders

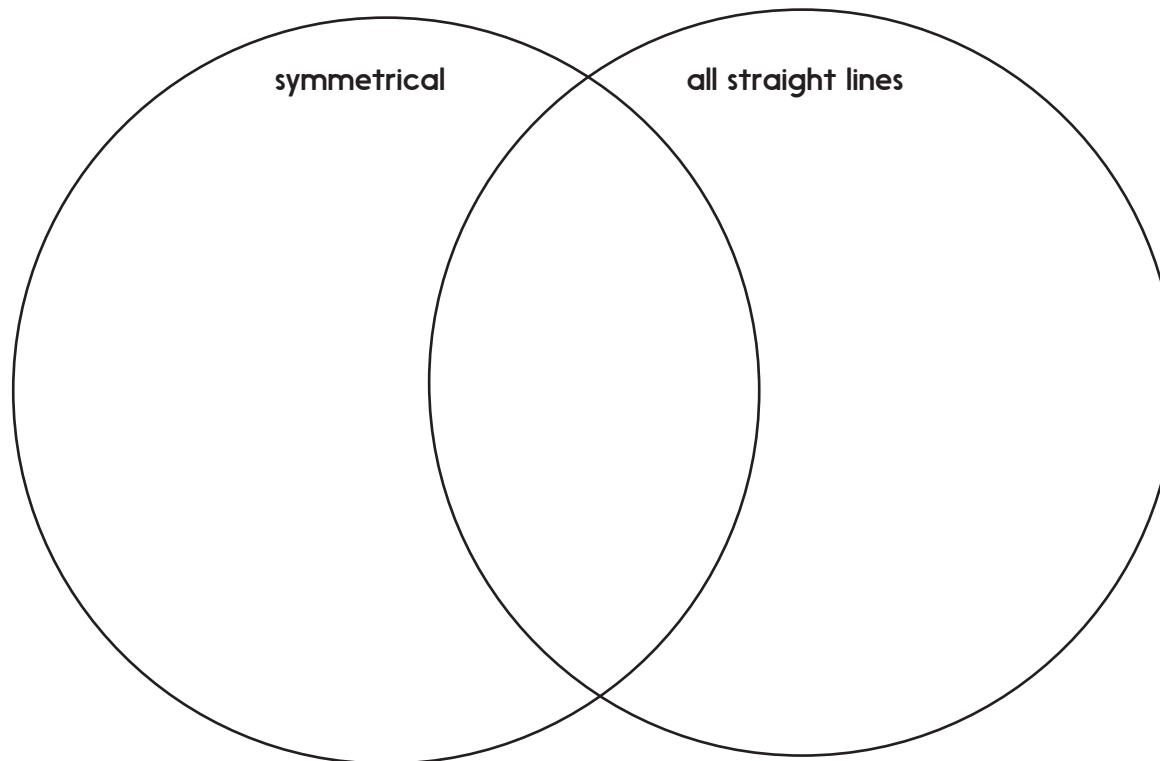


## Practice Sheet All Children

### 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

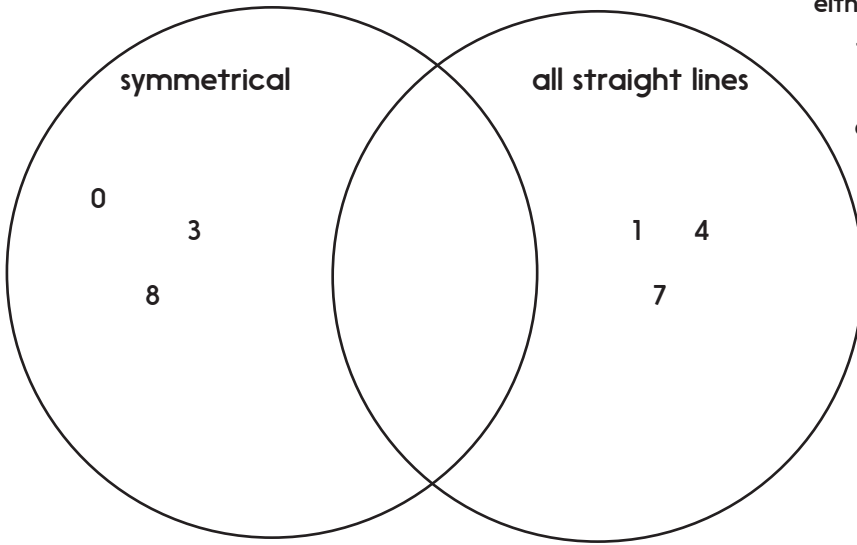


#### Hot: Complete this Challenge

What if you included 2-digit numbers 10 – 20?

# Practice Sheet Answers

## Venn diagram All Children



Numbers that don't fit in either set

2  
5  
6  
9

**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 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

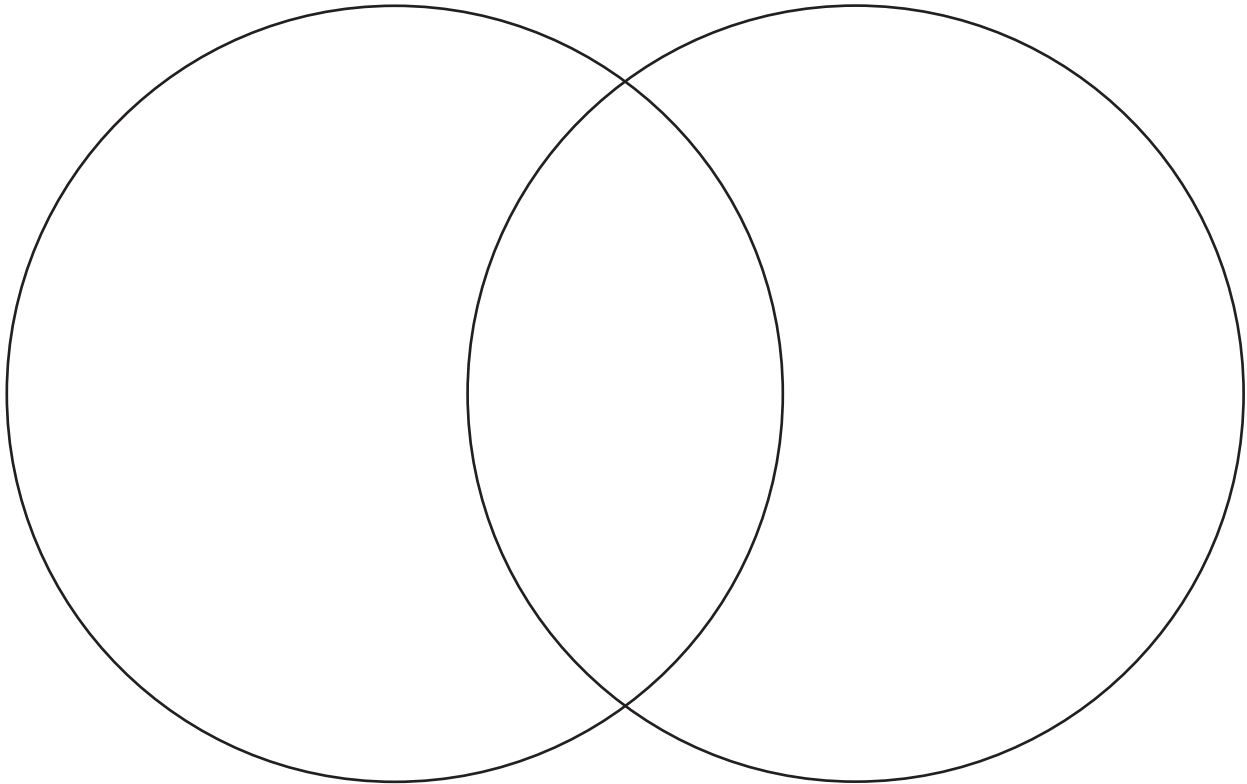
Your challenge is to write as many 3-letter words as you can in each part of this Venn diagram!

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?