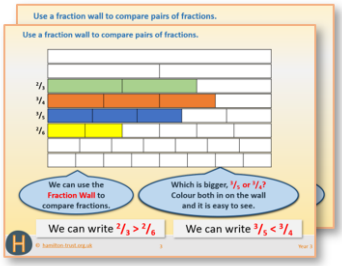
Year 4: Week 5, Day 2

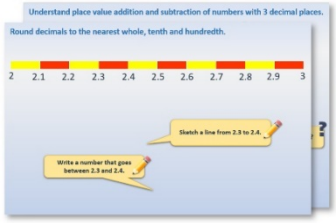
Compare numbers with 1 decimal place

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.

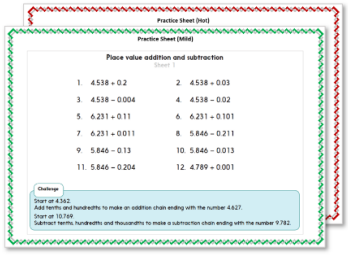


OR start by carefully reading through the **Learning Reminders**.



---

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

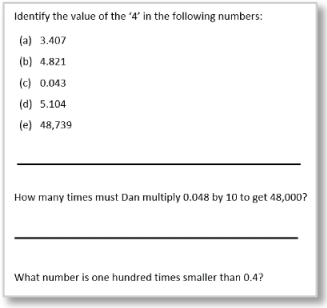


---

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

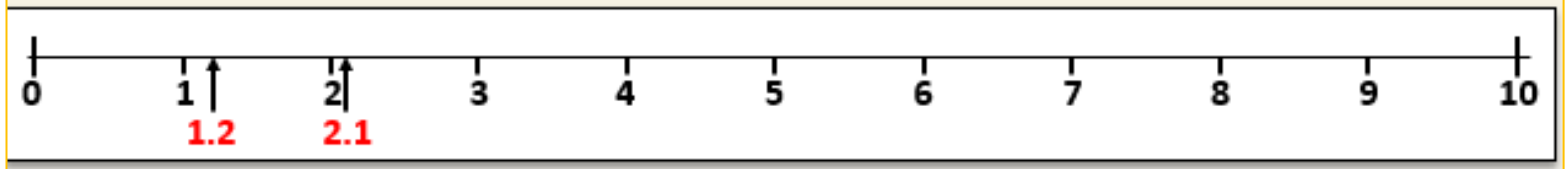
---

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



Learning Reminders

Compare numbers with 1 decimal place.



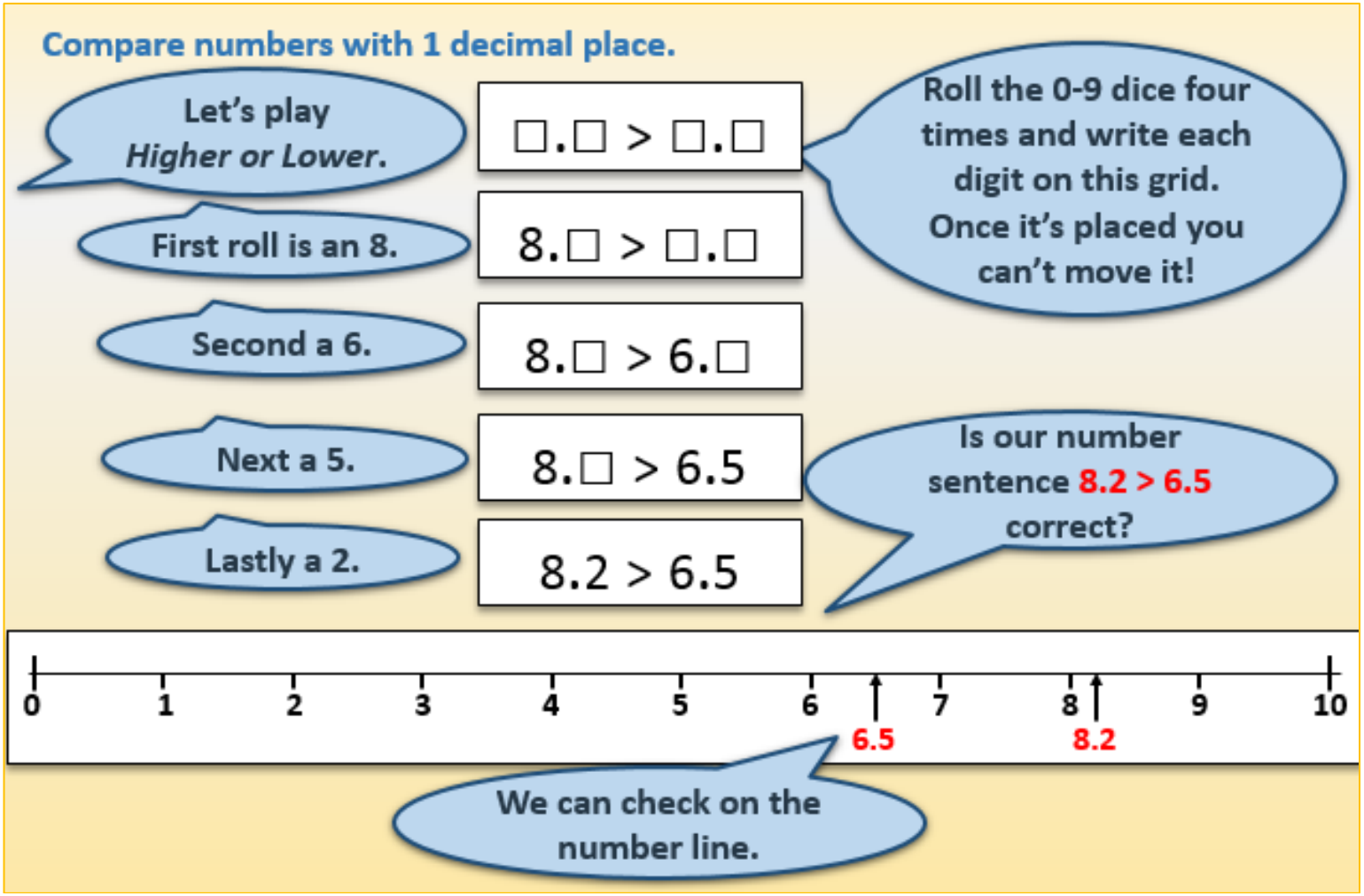
Which is more, 1.2 or 2.1? What whole number lies between?

We can place both numbers on the number line to check.

2.1 > 1.2

The whole number between them is 2.

Learning Reminders



 Explore more Hamilton Trust Learning Materials at https://wrht.org.uk/hamilton

Practice Sheet Mild

Decimals and fractions practice

Write < or > between each pair of numbers.

4.6 7.1 2.8 2.5 4.5 5.4 7.2 2.7

Now write all eight numbers in order, smallest first.

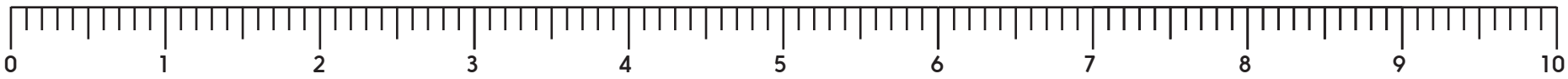
Use the digits to make a pair of numbers in the correct order.

□.□ > □.□ □.□ > □.□ □.□ < □.□ □.□ > □.□

1, 2, 3, 4 4, 5, 2, 7 3, 5, 7, 8 9, 7, 5, 3

Write a number between each pair of numbers so that the three numbers are in order, smallest to largest or vice versa.

3.4 □.□ 5.1 8.4 □.□ 7.8 5.7 □.□ 6.2 3.9 □.□ 4.1



Challenge

Drew says '7.9 is larger than 9 because it has more digits.' Do you agree with him?

Practice Sheet (Hot)

Decimals practice

Write these groups of numbers in order, smallest first.

1.	6.7	5	7.2
2.	4.8	7.1	4.4
3.	8	6.5	5.6
4.	3.6	6.3	5
5.	5.1	0.9	2.3

Use the digits to make three numbers in the correct order.

2 9 4 1 6 5

3 2 1 9 7 7

7 6 2 5 3 8

1 9 2 7 4 2

Practice Sheet Answers

Decimals and fractions practice (Mild)

4.6 < 7.1 2.8 > 2.5 4.5 < 5.4 7.2 > 2.7

2.5 2.7 2.8 4.5 4.6 5.4 7.1 7.2

There are a number of possible answers for these inequalities, e.g.

3.4 > 1.2 2.7 < 4.5 5.3 < 7.8 5.3 < 9.7

e.g. 3.4 [4] . [3] 5.1 2.3 [4] . [3] 6.2

5.7 [5] . [9] 6.2 3.9 [4] . [0] 4.1

Decimals and fractions practice (Hot)

1.	5	6.7	7.2
2.	4.4	4.8	7.1
3.	5.6	6.5	8
4.	3.6	5	6.3
5.	0.9	2.3	5.1

Accept any three numbers in ascending or descending order using the specified digits.

A Bit Stuck?
Footprints

Things you will need:

- Ruler or tape measure that measures in centimetres and millimetres

What to do:

1. Use a ruler or tape measure to measure the length of each footprint to the nearest millimetre. Write your answers in centimetres, e.g. 4.6cm. Write the length of each footprint.
2. Write all the lengths in order, shortest first.
3. Look at the first two lengths. Think of a number of centimetres with one decimal place which is between the two lengths. Check on your ruler/tape measure.
4. Repeat with some other neighbouring pairs of lengths.

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

Now you've done lots of measuring, let's have a go at some estimating! Either snap a straight piece of spaghetti, or draw lines with a straight edge that you estimate to be the following lengths:

10cm 5cm 8.5cm 4.2cm 12.9cm

Now measure each to check. How close were your estimates?

Learning outcomes:

- I can measure lengths to the nearest tenth of a centimetre.
- I am improving my estimates of lengths.

Check your understanding:
Questions

Write < or > or = between each pair of numbers.

4.5	5.4
0.6	$^1/_2$
7.1	7.8
0.3	$^3/_{10}$
$^2/_5$	0.5

Write a number with one decimal place *between* each pair of numbers:

3.6	5.2
4.1	4.9
6.3	5.8

Fold here to hide answers:

Check your understanding:
Answers

Write < or > or = between each pair of numbers.

4.5	<	5.4
0.6	>	$^1/_2$
7.1	<	7.8
0.3	=	$^3/_{10}$
$^2/_5$	<	0.5

Children making frequent errors may be mixing up the > and < signs. Ask them to read aloud, do they make sense?

Write a number with one decimal place *between* each pair of numbers.

3.6 5.2 4.1 4.9 6.3 5.8

Accept any number with one decimal place which fits between each pair of numbers.