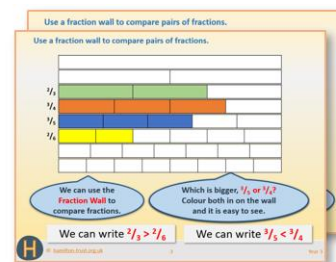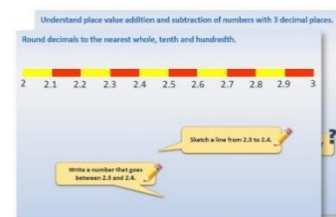# Week 15, Day 3
Use column addition to add decimals and measures
Each day covers one maths topic. It should take you about 1 hour or just a little more.
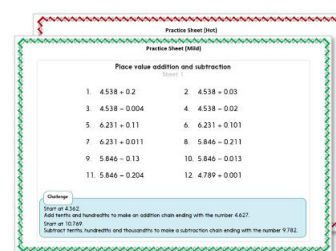
1. If possible, watch the **PowerPoint presentation** with a teacher or another grown-up.
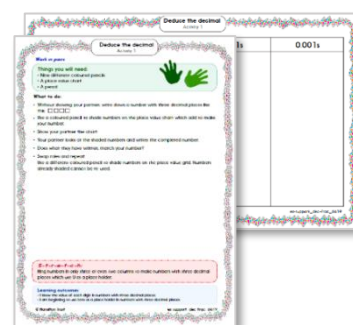
   OR start by carefully reading through the **Learning Reminders**.

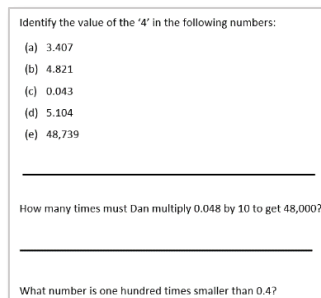2. Tackle the questions on the **Practice Sheet**.
   There might be a choice of either Mild (easier) or Hot (harder)!
   Check the answers.

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

Use column addition to add decimals and measures including money.

Solving £24.78 + £52.69 using column addition.

> First add the 1ps.
> 8 + 9 = 17.
> The 7 goes in the 1ps place in the answer line.
> Put the 1 in the 10ps place above the line.

> Remember to set out neatly.
> Line up the corresponding digits carefully.
> Leave a blank row above the answer line.

> Next add the 10ps.
> 7 + 6 + 1 = 14.
> The 4 goes in the 10ps place in the answer line.
> Put the 1 in the £1s place above the line.

```
  £ 2 4 . 7 8
+ £ 5 2 . 6 9
      1   1
-------------
  £ 7 7 . 4 7
```

> Next add the £1s.
> 4 + 2 + 1 = 7.
> The 7 goes in the £1s place in the answer line.

> Finally add the £10s.
> 2 + 5 = 7.
> The 7 goes in the £10s place in the answer line.

Learning Reminders

Use column addition to add decimals and measures including money.

This is an addition of two lengths in metres.

$45.83m + 23.45m$

This is very like adding amounts of money in pounds and pence.

```
   4  5 . 8  3 m
+  2  3 . 4  5 m
_____
```

Carefully add the two lengths.

Today there will be a whole mix of calculations to work out using column addition, but - as always - watch out for any that might be more efficiently solved mentally!

Answer
69.28m

Practice Sheet Mild
Adding decimals, measures and money

Solve using column addition. Look out for a question which would be quicker to answer mentally.

1. £24.47 + £18.28

2. £35.83 + £26.72

3. 482.4 + 271.3

4. 345.7 + 228.6

5. £45.67 + £19.99

6. 34.26m + 25.38m

7. 78.85m + 46.47m

8. £56.38 + £5.74

Practice Sheet Hot
Adding decimals, measures and money

Solve using column addition. Look out for a question which would be quicker to answer mentally.

1. 345.7 + 228.6

2. £78.85 + £46.47

3. 457.8 + 364.5

4. 23.46 + 34.28

5. £56.75 + £29.98

6. 76.78m + 47.59m

7. 634.5 + 78.6

8. 45.38m + 8.64m

Challenge

Two amounts are added together, totalling £100.50 exactly.
The total of the 10ps is greater than £1.
What could the two amounts be?

£ ◯◯ . ◯◯
+ £ ◯◯ . ◯◯