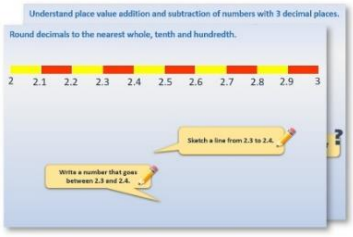
Week 15, Day 2

Add lots of numbers with different numbers of digits

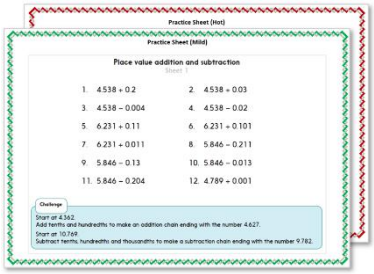
Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the **Learning Reminders**.
   They come from our *PowerPoint* slides.



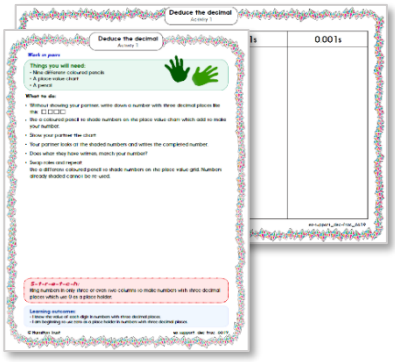
---

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

Add three, four and five numbers including those with different numbers of digits.

Adding 4567 + 24 + 236

```
  4 5 6 7
    2 4
+ 2 3 6
  1 1
  9 3 2 7
```

There's something **wrong** here!

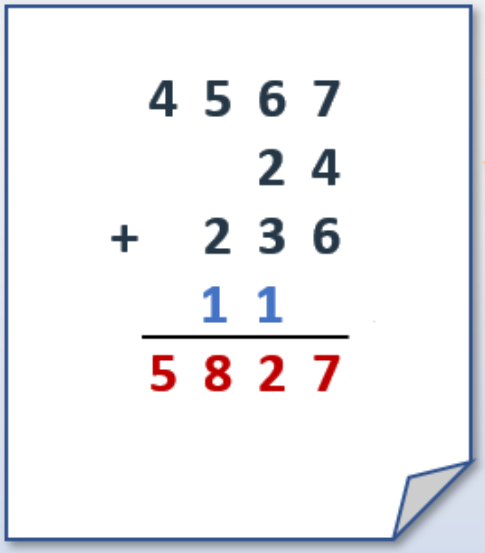
4567 + 24 + 236 can't be more than 9000 as we are only adding 100s and 10s on to 4567.
Closer to 5000 is a better estimate.

Try setting out 4567 + 24 + 236 and solving it before checking on the next page.

Learning Reminders

Add three, four and five numbers including those with different numbers of digits.

Adding 4567 + 24 + 236



That's better!

The 1s and 10s digits of each number are all lined up correctly.

Add the 1s, then 10s, then 100s, then 1000s.
Remember to use the 'waiting line' for any digits moved between columns.

Practice Sheet Mild

Adding 'towers' of numbers

1. 54 + 37 + 28 + 46
2. 548 + 24 + 36
3. 274 + 145 + 78
4. 346 + 214 + 257
5. 537 + 138 + 67 + 83
6. 4521 + 35 + 82
7. 548 + 278 + 325 + 426
8. 3471 + 1824 + 2347

Practice Sheet Hot

Adding 'towers' of numbers

1. 537 + 138 + 67 + 83
2. 4521 + 35 + 82
3. 548 + 278 + 325 + 426
4. 3471 + 1824 + 2347
5. 4721 + 5321 + 378 + 753
6. 8461 + 374 + 68 + 94
7. 78 + 93 + 45 + 62 + 48
8. 745 + 428 + 328 + 38 + 75
9. 4782 + 871 + 372 + 58 + 82
10. 5479 + 2781 + 3781 + 651 + 238