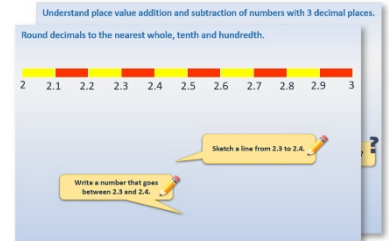


Year 5: Week 5, Day 1

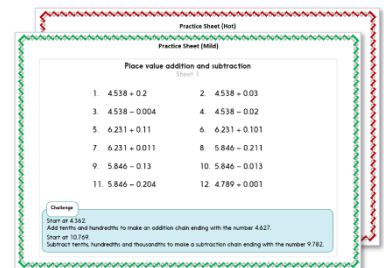
Addition and subtraction of numbers with 2 decimal places

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

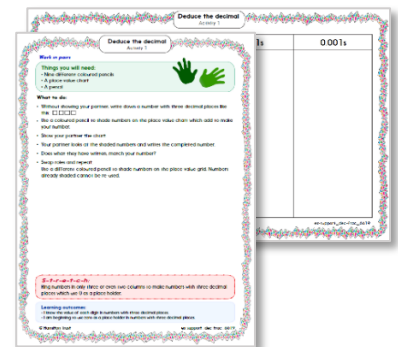
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



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

Here is a 'Place Value' chart. It shows us how changing the PLACE of a digit in a number affects its VALUE. Remind yourself about the value of each row in the chart before having a go at the few questions below.

hundredths	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
tenths	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
ones	1	2	3	4	5	6	7	8	9
tens	10	20	30	40	50	60	70	80	90
hundreds	100	200	300	400	500	600	700	800	900

So, the 4 in 0.4 is worth 4 tenths, the 9 in 0.09 is worth 9 hundredths and so on...

What values do the underlined digits have: **500** **2.7** **10.08** **0.63** **41.1**

Answers: 5 hundreds 2 ones 8 hundredths 6 tenths 4 tens

Learning Reminders

Place value addition and subtraction of numbers with two decimal places.

Starting with 4.56 at the top check what has been added or subtracted each time.

That's **four point five six**
NOT four point fifty six!

4.56

4.57

4.77

3.77

3.73

3.33

Add one hundredth.

Add two tenths

Subtract one whole.

Subtract four hundredths.

Subtract four tenths.

That's **three point three three**
NOT three point thirty-three!

Learning Reminders

This time, have a go at filling in the answers, then check them at the bottom of the page.

Place value addition and subtraction of numbers with two decimal places.

Write 8.34 at the top of your page.

8.34

Which digit is in the hundredths place?
And the tenths?

Think carefully about which digits change as you add or subtract.

+ 0.3

- 0.2

+ 0.11

+ 0.05

- 1.1

+ 1.2

You should have 8.7 – check back through if you have a different answer!

Answers: 8.34 8.64 8.44 8.55 8.6 7.5 8.7

Practice Sheet Mild
Place value addition and subtraction

1. $4 + 0.53$

2. $6.07 + 0.5$

3. $5.78 - 0.08$

4. $8.64 - 0.6$

5. $8.23 + 0.1$

6. $4.56 + 0.01$

7. $8.47 - 0.01$

8. $9.35 - 0.1$

9. $6.21 + 0.2$

10. $9.34 - 0.2$

11. $8.25 + 0.03$

12. $7.38 - 0.03$

Practice Sheet Hot

Place value addition and subtraction

1. $6.21 + 0.2$

2. $9.34 - 0.2$

3. $8.25 + 0.03$

4. $7.38 - 0.03$

5. $9.34 + 0.11$

6. $8.53 - 0.11$

7. $4.73 + 1.01$

8. $8.14 - 1.01$

9. $4.27 + 1.2$

10. $8.75 - 1.02$

11. $3.24 + 1.23$

12. $9.87 - 1.81$

Challenge

Start at 4.36. Add or subtract tenths and hundredths to make an addition and subtraction chain ending with the number 5.02.