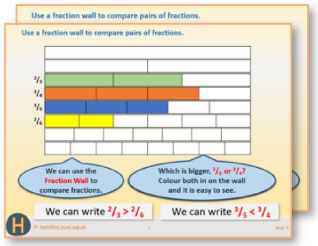
Year 5: Week 5, Day 2

Use written addition to add decimals

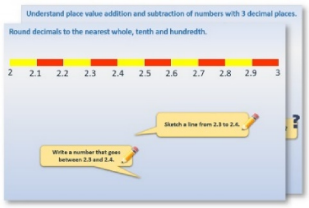
Use rounding to estimate totals

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

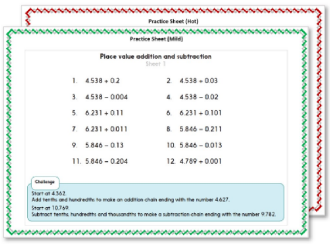
1. If possible, watch the **PowerPoint presentation** with a teacher or another grown-up.



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



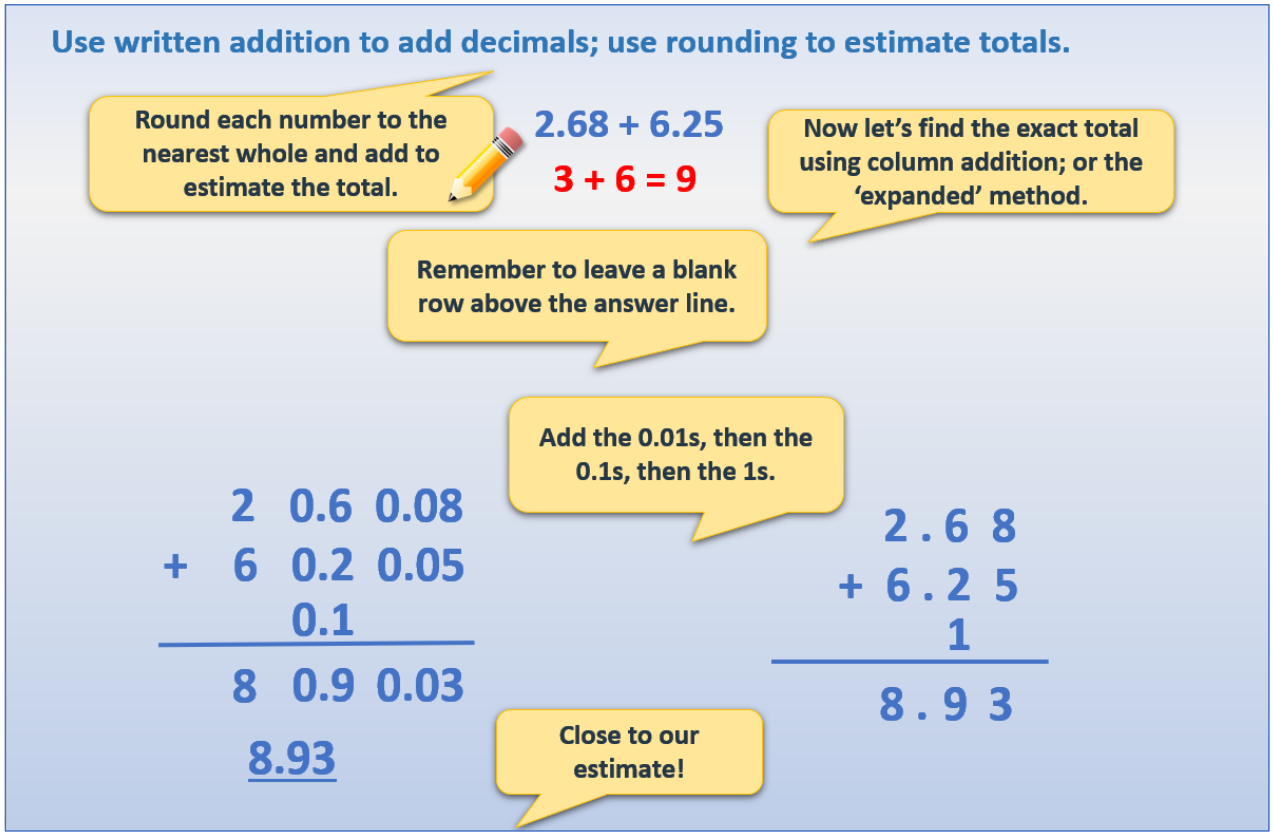
2. Tackle the questions on the **Practice Sheet**.
There might be a choice of either Mild (easier) or Hot (harder)!
Check the answers.



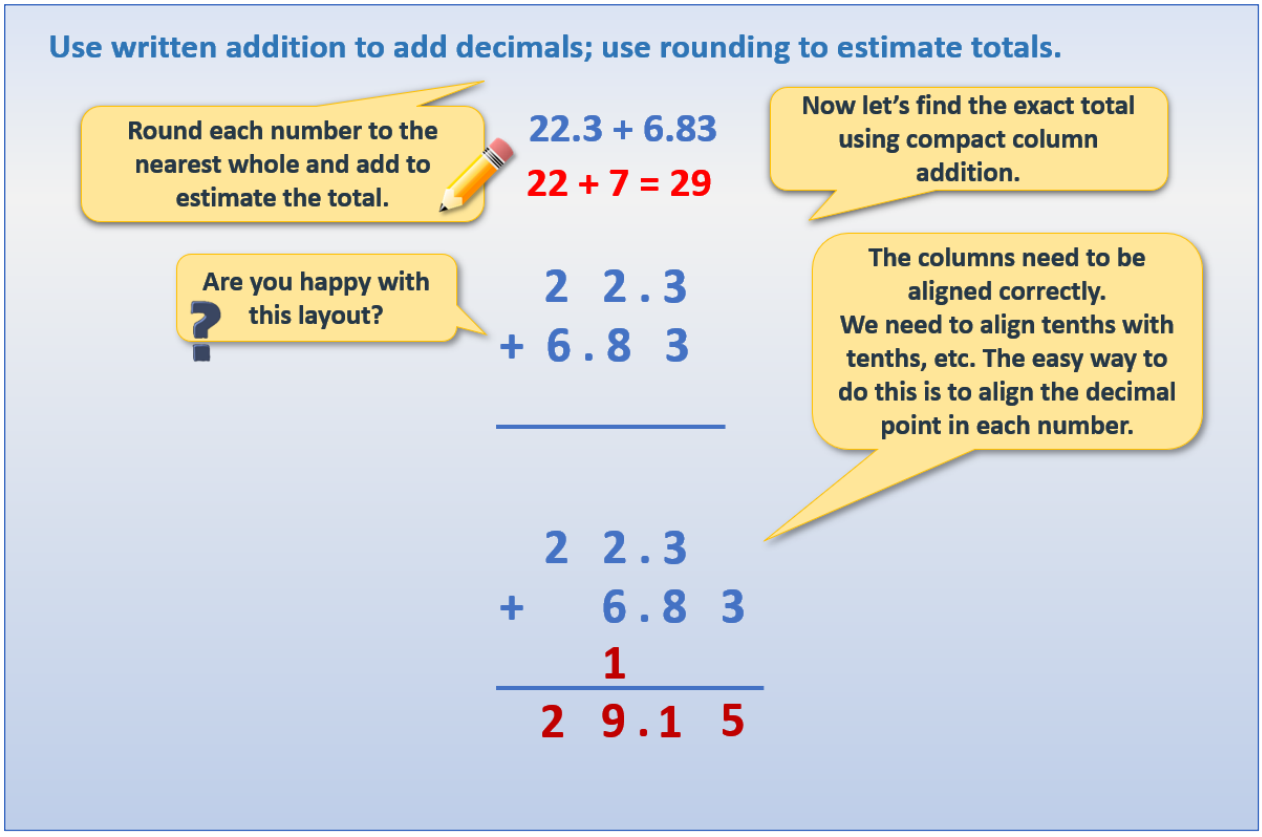
3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**

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

Learning Reminders



Learning Reminders



Learning Reminders

Use written addition to add decimals; use rounding to estimate totals.

Red ribbon: 2.23m
Green ribbon: 3.71m
Blue ribbon: 4.84m

Estimate the total length of the three ribbons by rounding each number to the nearest whole..

2 + 4 + 5 = 11

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  2.23 m
  3.71 m
+ 4.84 m
    1
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 10.78 m
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It's just like adding two numbers but we just have a few more digits to add!

Practice Sheet Mild

Ribbon decimals

Ribbon lengths:

Red	2.23m
Orange	2.3m
Yellow	1.72m
Green	3.71m
Blue	4.84m
Indigo	1.25m
Violet	3.02m

Estimate first!

1. Find the total length of the red and yellow ribbons.
2. Find the total length of the green and blue ribbons.
3. Find the total length of the indigo and violet ribbons.
4. Find the total length of the orange and indigo ribbons.
5. Find the total length of the indigo, red and yellow ribbons.
6. Find the total length of the green, blue and violet ribbons.

Challenge

Find the two ribbons whose total length is the closest to 5m.

Practice Sheet Hot

Ribbon decimals

Ribbon lengths:

Red	2.23m
Orange	2.3m
Yellow	1.72m
Green	3.71m
Blue	4.84m
Indigo	1.25m
Violet	3.02m

Estimate first!

1. Find the total length of the longest two ribbons.
2. Find the total length of the shortest two ribbons.
3. Find the total length of the indigo, red and yellow ribbons.
4. Find the total length of the gree, blue and violet ribbons.
5. Find the total length of the red, orange and yellow ribbons.
6. Find the total length of the blue, indigo and violet ribbons.

Challenge

Find the three ribbons whose total length is the closest to 8m.