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

Week 8, Day 3

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

OR start by carefully reading through the Learning Reminders.

- 2. Have a go at the **Investigation**.... This gives lots of addition practice and is REALLY intriguing...
- Tackle the questions on the Practice Sheet. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.
- 4. Finding it tricky? That's OK... have a go with a grown-up at A Bit Stuck?

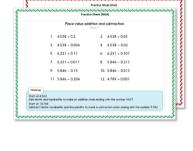
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2.2 2.3 2.4 2.5

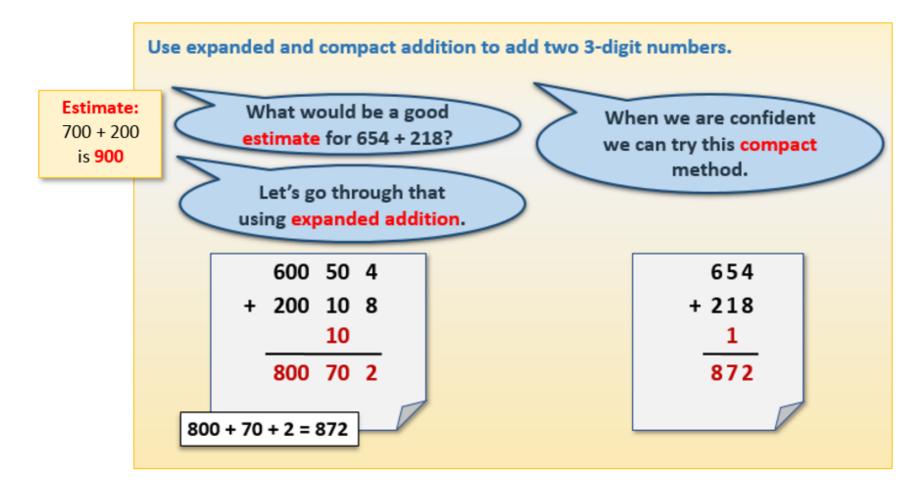
Write a number that goes between 2.3 and 2.4.



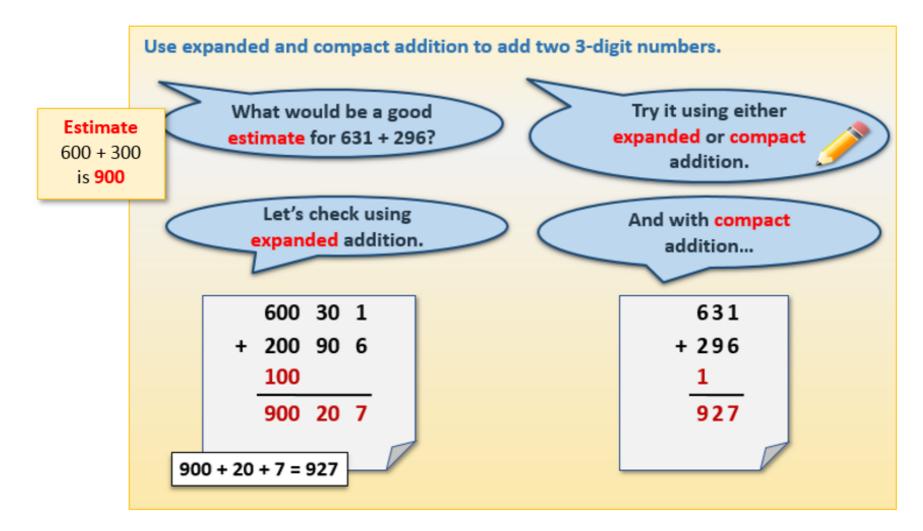




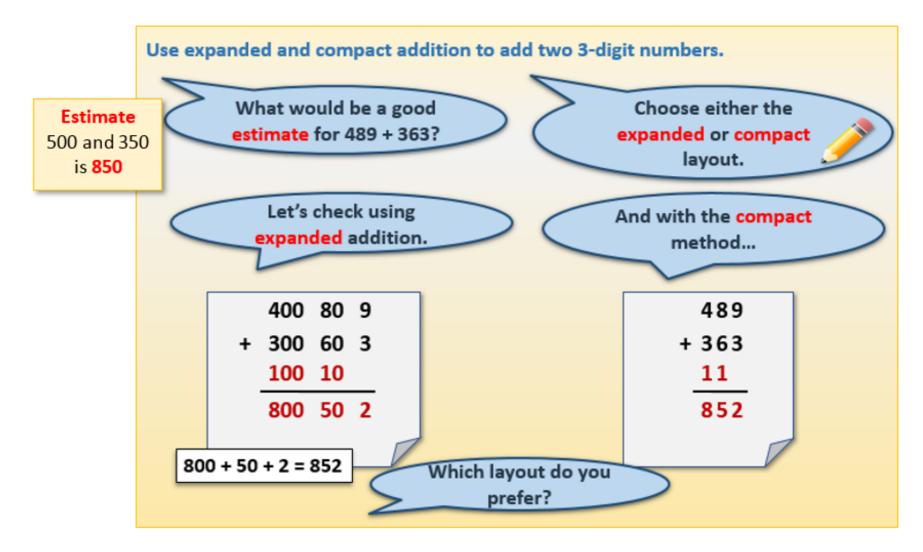
Learning Reminders

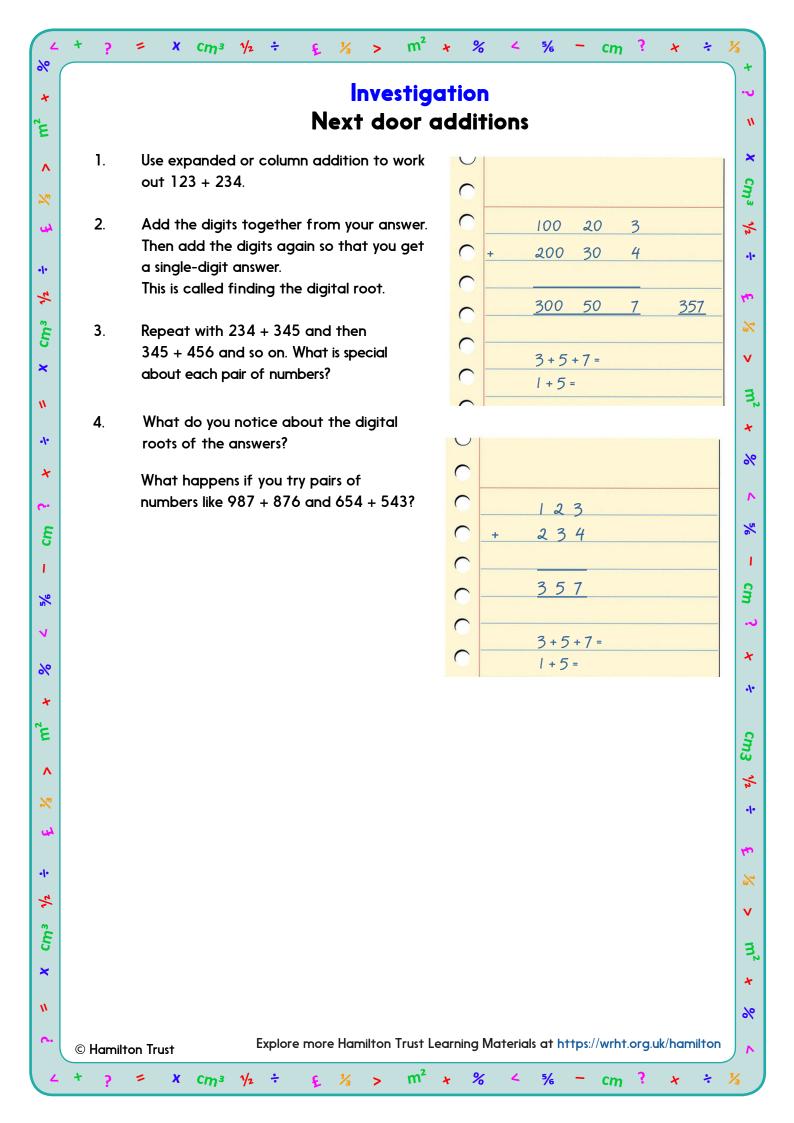


Learning Reminders



Learning Reminders







Practice Sheet Mild Written addition

Use expanded and compact column addition to calculate the answer to the first addition. Did you get the same answer? Repeat for the second addition.

Now choose which strategy you prefer to calculate the answers to the other questions.

- 1. 328 + 147
- 2. 473 + 241
- 3. 528 + 239
- 4. 616 + 325
- 5. 481 + 273
- 6. 573 + 362
- 7. 345 + 235
- 8. 670 + 342

. • * • • = 4 • * • • = 4 • * • • = 4 • * • • = 4 • * • • = 4 • * • • = 4 • *

Practice Sheet Hot Written addition

Use expanded and compact column addition to calculate the answer to the first addition. Did you get the same answer? Repeat for the second addition.

Now choose which strategy you prefer to calculate the answers to the other questions.

- 1. 429 + 347
- 2. 553 + 281
- 3. 623 + 195
- 4. 308 + 433
- 5. 456 + 356
- 6. 784 + 147
- 7. 372 + 379
- 8. 584 + 356

Challenge

Write an addition of two 3-digit numbers with a total of 1000. No zeroes allowed!

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Practice Sheets Answers

Written addition (mild)

0

0

1.	328 + 147 = 475
2.	473 + 241 = 714
3.	528 + 239 = 767
4.	616 + 325 = 941
5.	481 + 273 = 754
6.	573 + 362 = 935
7.	345 + 235 = 580
8.	470 + 342 = 812

Written addition (hot)

1.	429 + 347 = 776
2.	553 + 281 = 834
3.	623 + 195 = 818
4 .	308 + 433 = 741
5.	456 + 356 = 812
6 .	784 + 147 = 931
7.	372 + 379 = 751
8 .	584 + 356 = 940

Challenge

Accept any pair of 3-digit numbers with no zeros, with a total of 1000, e.g. 647 + 353.

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Work in pairs

Things you will need:

• A set of 100s, 10s and 1s place value cards

What to do:

- Shuffle the 50 to 90 cards. Place them face down.
- Shuffle the 1s cards and place face down.
- Each take the top card from each pile and put them together to make a 2-digit number.



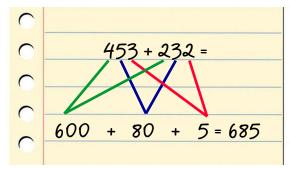
- Record the addition of your two numbers

 not the answer yet!
- One person collects the 10s cards, and the other collects the 1s cards.
- Add the 10s. Add the 1s. Find the combined total.
- Record the addition in your books.
- Repeat at least three more times.
- Repeat, but this time shuffle the 100 to 400 cards, 10 to 40 cards and 1 to 9 cards.

A Bit Stuck? Collect 'em up!

- Each take the top card from each pile and put them together to make a 3-digit number. Record the addition.
- Collect the 100s, 10s and 1s.
 Find the combined total.
 Record the addition in your books.

Repeat at least two more times.



S-t-r-e-t-c-h: Shuffle ALL the 10s cards not just 10 to 50. Use them all!

Learning outcomes:

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- I can add any pair of 2-digit numbers.
- I am beginning to add pairs of 3-digit numbers.

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74 + 57 = 120 + 11 = 131

