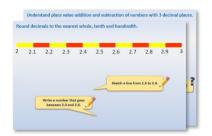
Week 8, Day 2

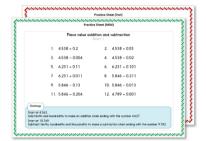
Written addition (2)

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.



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

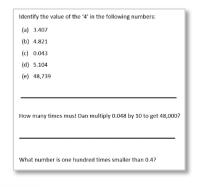


3. Finding it tricky? That's OK... have a go with a grown-up at A Bit Stuck?

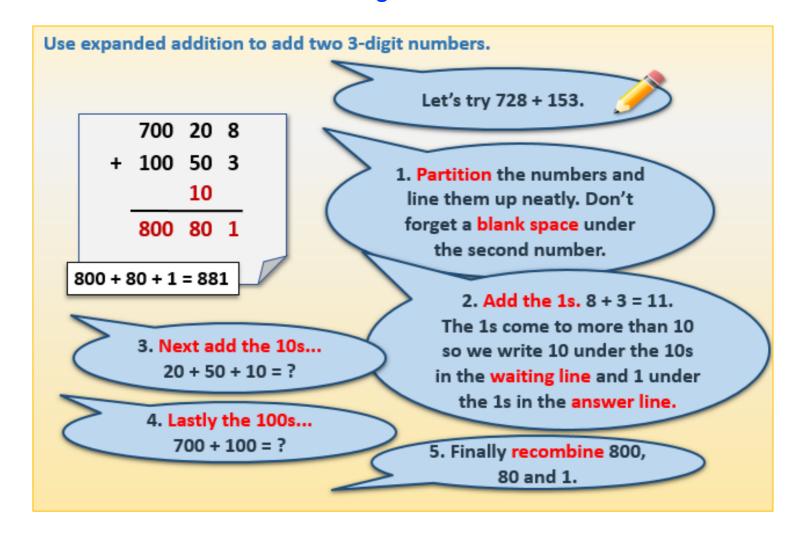


4. Have I mastered the topic? A few questions to **Check your understanding**.

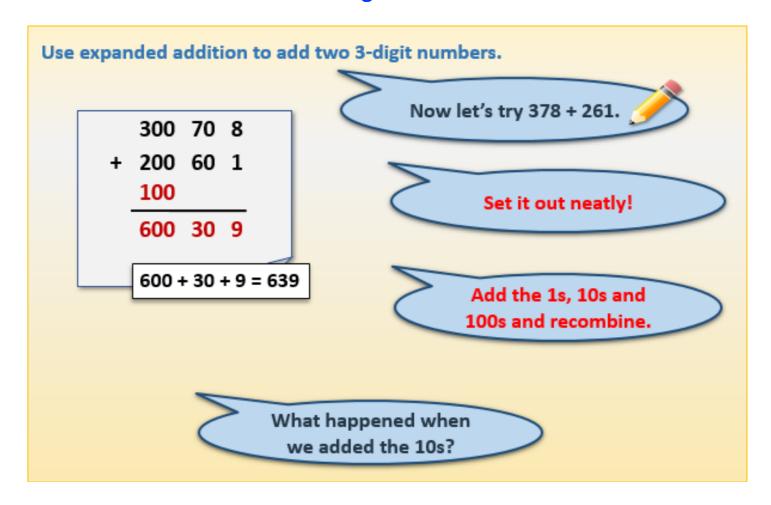
Fold the page to hide the answers!



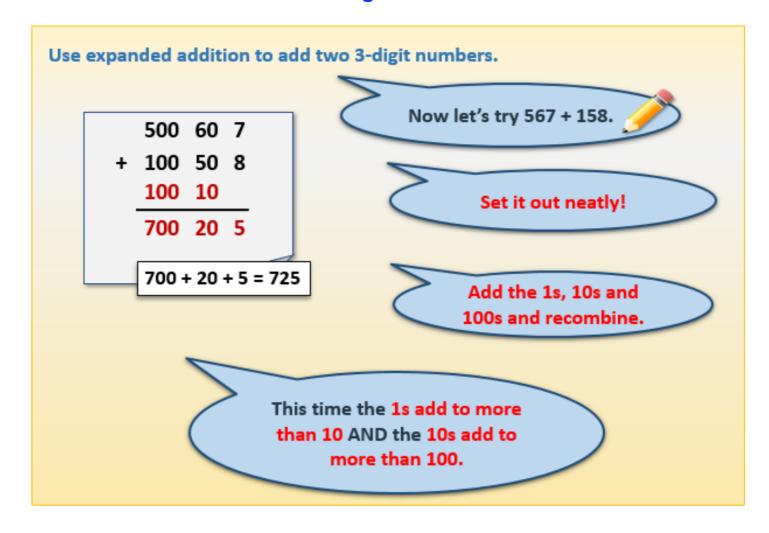
Learning Reminders



Learning Reminders



Learning Reminders



Practice Sheet Mild

Adding two 3-digit numbers

a.
$$328 + 271$$

c.
$$345 + 335$$

a.
$$328 + 258$$

Practice Sheet Hot

Adding two 3-digit numbers

Part A

d
$$836 + 125$$

Part B

Example: 485 + 286

a.
$$385 + 247$$

b.
$$257 + 575$$

d.
$$387 + 327$$

Practice Sheet Answers

Adding two 3-digit numbers (mild)

Part A

- a. 328 + 271 = 599
- b. 732 + 245 = 977
- c. 345 + 335 = 680
- d. 166 + 523 = 689
- e. 287 + 642 = 929
- f. 749 + 244 = 993

Part B

- a. 328 + 258 = 586
- b. 258 + 535 = 793
- c. 586 + 352 = 938
- d. 377 + 362 = 739

Adding two 3-digit numbers (hot)

Part A

- a. 146 + 845 = 991
- b. 263 + 754 = 1017
- c. 578 + 206 = 784
- d. 836 + 125 = 961

Part B

- a. 385 + 247 = 632
- b. 257 + 575 = 832
- c. 629 + 352 = 981
- d. 387 + 327 = 714
- e. 146 + 875 = 1021
- f. 294 + 736 = 1030
- g. 778 + 246 = 1024
- h. 876 + 176 = 1052

A Bit Stuck? Awesome adders

Work in pairs

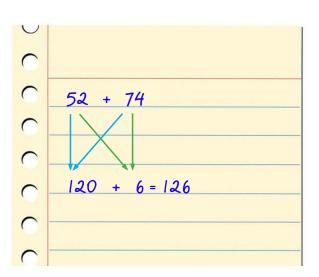
Things you will need:

- · A set of 10s and 1s place value cards
- A pencil



What to do:

- Spread the 10 to 90 cards out face up on the table.
 Spread the 1 to 9 cards out face up on the table.
- Choose a card from each group and put them together to make a 2-digit number.
- Choose another card from each group to make another 2-digit number.
- One person collects the 10s.
 The other person collects the 1s.
 How much do you have each?
 Now add your totals.
- · Record the addition.
- · Repeat at least four more times.
- You score 10 points for correct answer less than 100 and 20 points for each correct answer more than 100.



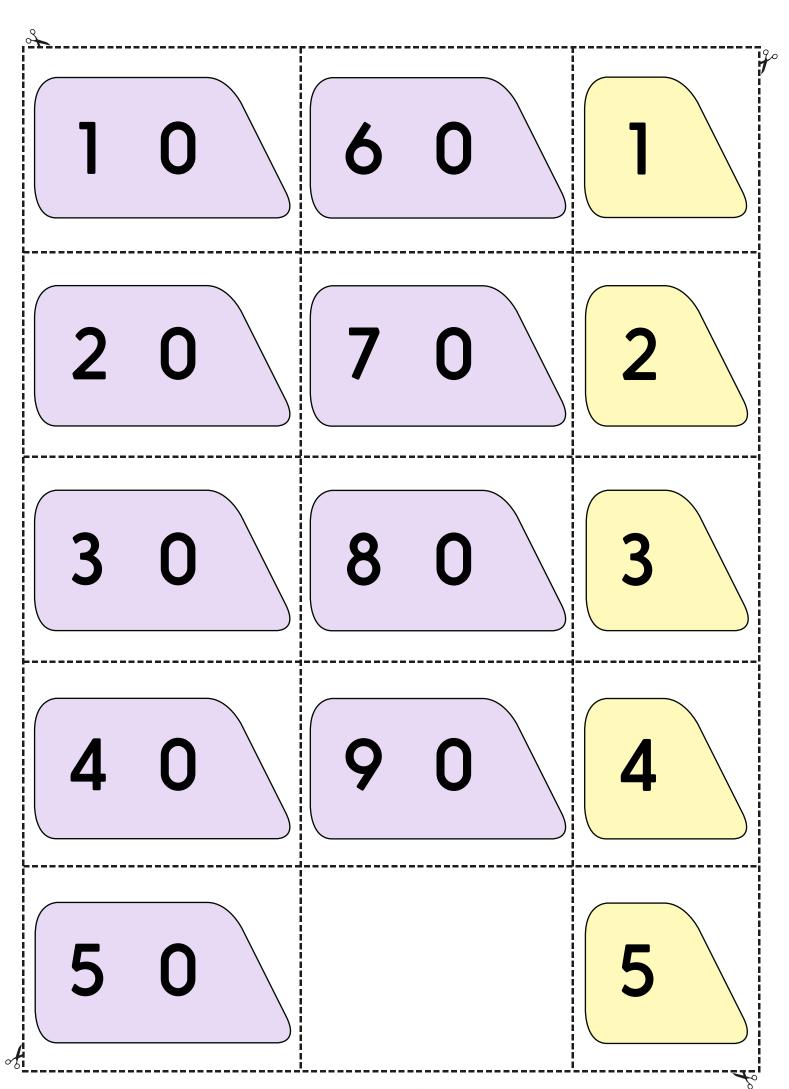
S-t-r-e-t-c-h:

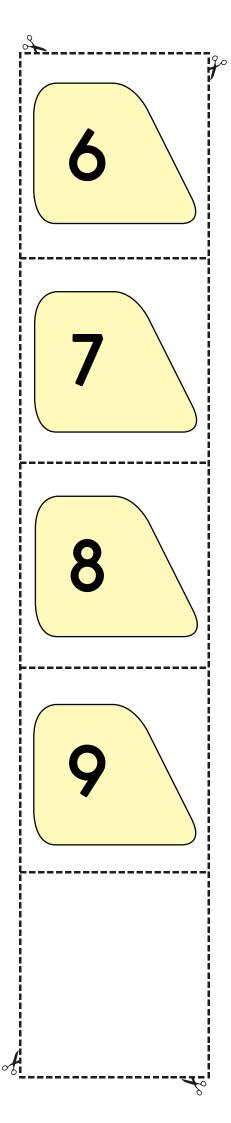
Think of two sums with an answer of 100. Both numbers must be made using both a 10s card and 1s card.

Learning outcomes:

- \cdot I can add pairs of 2-digit numbers using partitioning (1s > 10 or 10s > 100).
- I am beginning to add pairs of 2-digit numbers where the 1s come to more than 10 <u>and</u> 10s come to more than 100.

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Check your understanding Questions

Add four hundred and fifty-six to three hundred and seventy-three.
What is the total of two hundred and sixty-eight and two hundred and eighty-four?
Write the missing numbers $348 + 174 = $
278 people live on one side of a street. 264 live on the other side. How many people live on the street altogether?

Check your understanding Answers

Add four hundred and fifty-six to three hundred and seventy-three. 829 For this, and subsequent 3-digit additions, children should be using the expanded column method. Errors may be due to wrongly partitioning numbers, lining them up incorrectly, procedural errors, i.e. what to do when the 1s exceed 10 or the 10s exceed 100, or arithmetical errors.

What is the total of two hundred and sixty-eight and two hundred and eighty-four? 552

Write the missing numbers

$$348 + 174 = 522$$

$$494 - 356 = 138$$

$$647 + 258 = 905$$

$$633 - 386 = 247$$

Some may not recognise the second and fourth question as ones to solve using addition.

278 people live on one side of a street. 264 live on the other side. How many people live on the street altogether? 542 people