Week 7, Day 4

Use grid and short multiplication to multiply 4-digit by 1-digit numbers.

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

 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?

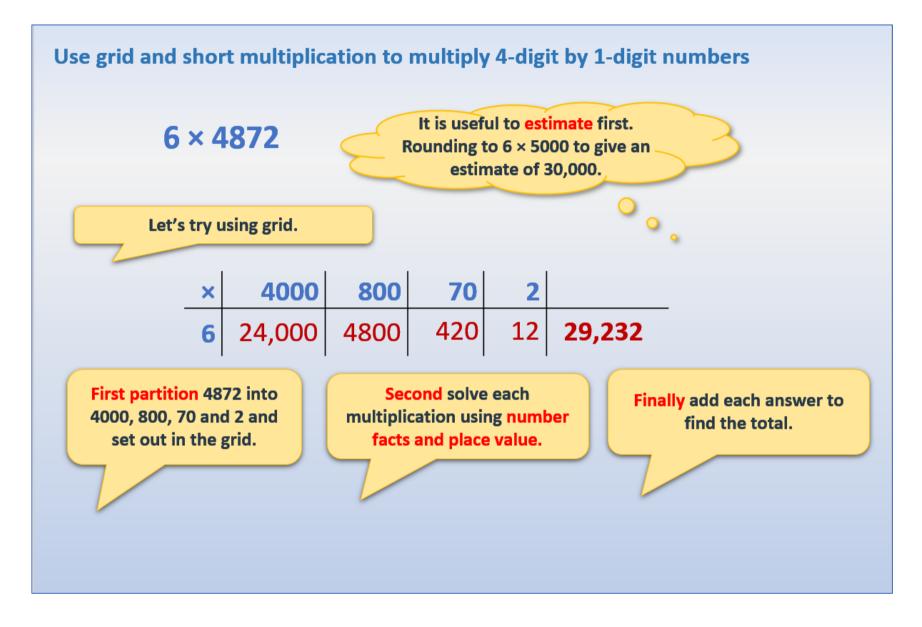
4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the Investigation...



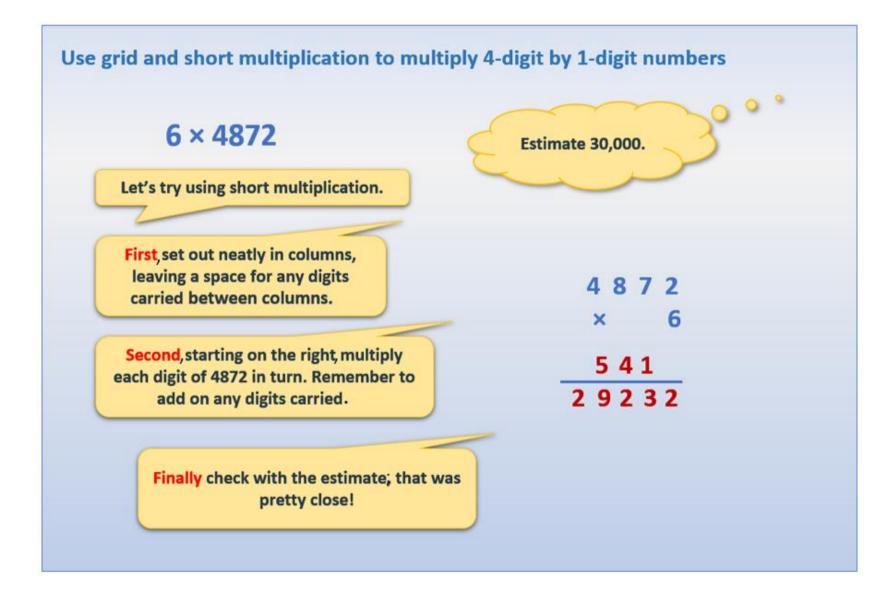
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Learning Reminders



Learning Reminders



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Practice Sheet Mild Grid multiplication

Estimate which of these multiplications will give answers:

- less than 1000.
- between 1000 and 3000.
- between 3000 and 5000.
- between 5000 and 7000.
- greater than 7000.
- 1. 3 × 642
- 2. 5 × 527
- 3. 6 × 253
- 4. 3 × 275
- 5. 8 × 524
- 6. 3 × 314
- 7. 7 × 823
- 8. 9 × 851

Now use grid multiplication to work out the answers!

Challenge Which of these two multiplications do you think will have the biggest answer? Check to see if you are right.

9. 3 × 5364

10. 6 × 2348

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Practice Sheet Hot Short multiplication

Estimate first, then use short multiplication to find the exact answers.

1.	4 × 6234
2.	7 × 5382
3.	8 × 4734
4 .	5 × 7856
5.	6 × 8431
6.	9 × 5408
7.	3 × 8796
8.	7 × 6857

Challenge

Write a different multiplication with an answer between 20,000 and 30,000. Write a different multiplication with an answer between 50,000 and 60,000.

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