



Maths challenge:

Lesson 2

Starter:

Sort the cards below so they follow round in a loop.

Start at $18 - 3$

Calculate the answer to this calculation.

The next card needs to be begin with this answer.

18 — 3	21 ÷ 3	15 ÷ 3	8 — 5
5 × 2	10 × 2	20 + 1	4 × 2
14 — 2	12 ÷ 3	3 × 6	7 × 2

Main question:

I have forgotten what
 4×4 is.



Jack says,
“The answer is more than 3×4 ”

Complete the calculation to prove this.

$$4 \times 4 = 3 \times 4 + \underline{\hspace{1cm}}$$

Mo says,
“The answer is 4 less than 5×4 ”

Complete the calculation to prove this.

$$4 \times 4 = \underline{\hspace{1cm}} \times 4 - \underline{\hspace{1cm}}$$

Teddy says,
“The answer is double 2×4 ”

Complete the calculation to prove this.

$$4 \times 4 = \underline{\hspace{1cm}} \times 4 \times \underline{\hspace{1cm}}$$

Whose idea do you prefer? Why?

Independent
practice:

$$7 \times 4 = 6 \times 4 + \underline{\quad}$$

$$9 \times 4 = 10 \times 4 - \underline{\quad}$$

$$8 \times 4 = \underline{\quad} \times 4 \times \underline{\quad}$$

$$11 \times 3 = 10 \times 3 + \underline{\quad}$$

$$7 \times 3 = 8 \times 3 - \underline{\quad}$$

$$8 \times 3 = \underline{\quad} \times 3 \times \underline{\quad}$$

Which method do you prefer? Think about the ones on the previous challenge.