

Mathematics

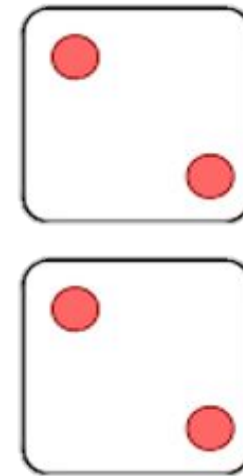
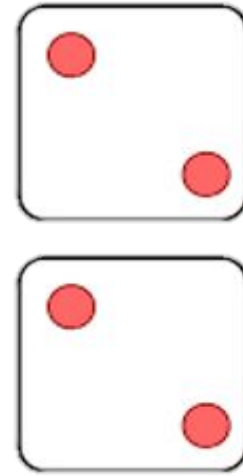
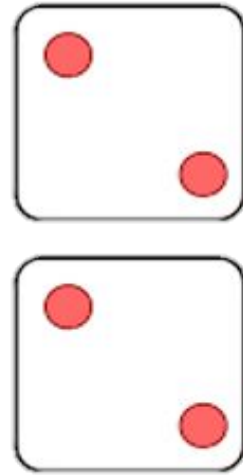
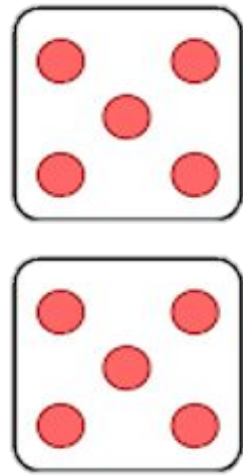
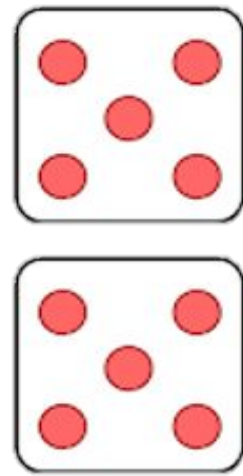
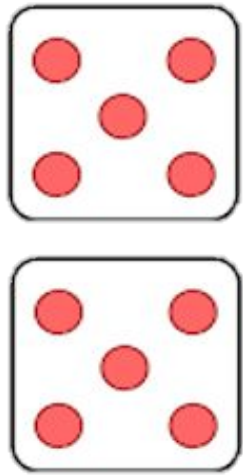
Number Talk Worksheet

Mr Coward



Try this

Copy and fill in the gaps in the calculations below so that each represents the total of 42 dots.



$$6 \times (5 + \square)$$

$$6 \times (10 - \square)$$

$$\square \times 5 + \square \times 2$$

$$3 \times (10 + \square)$$

$$2 \times (15 + \square)$$

$$\square \times 5 - \square \times 3$$



Independent task

1) Use the axioms to find an efficient strategy to work out these calculations. Is there more than one efficient way?

$$8 \times 25$$

$$19 \times 7$$

$$12 \times 15$$

$$25 \times 20$$

$$40 \times 15$$

$$35 \times 14$$



Explore

What calculations would you place in each group?

I would use written
multiplication

I would use a
different strategy

15×20

29×8

32×25

47×24

23×17

Write your own examples for calculations that you would place in each group.

