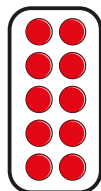
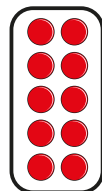


- 1 Tommy is making arrays using counters.

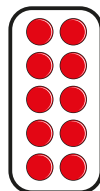
a) Complete the multiplications.



$$2 \times 5 = \square$$



$$2 \times 5 = \square$$



$$2 \times 5 = \square$$

b) Use your answer to part a) to complete the multiplication.

$$3 \times 2 \times 5 = 3 \times \square = \square$$

- 2 Use counters or cubes to work out the multiplications.

a) $2 \times 4 \times 5$

b) $3 \times 5 \times 4$

c) $2 \times 5 \times 8$

Is there a quick way to complete each multiplication?

Talk about it with a partner.

- 3 Work out the multiplications.

a) $3 \times 4 \times 5$

c) $2 \times 4 \times 7$

e) $3 \times 6 \times 10$

b) $2 \times 3 \times 8$

d) $3 \times 5 \times 4$

f) $2 \times 5 \times 12$

- 4 Is each statement true or false?

$$7 \times 8 = 7 \times 4 \times 2$$

$$3 \times 2 \times 8 = 5 \times 8$$

$$12 \times 4 = 2 \times 4 \times 6$$

$$2 \times 7 \times 4 = 4 \times 7 \times 2$$

Compare answers with a partner.

- 5 Here are some digit cards.



a) Use the digit cards to create a multiplication and work out the answer.

b) How many different multiplications can you create?

What do you notice about all of your answers?

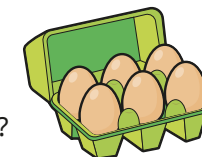
- 6 Eggs are put in boxes in arrays of 2×3

Dani buys 12 boxes.

a) How many eggs does she buy altogether?

Dani buys 5 more boxes.

b) How many eggs does she have now?



- 7 a) Write 30 as the product of 3 numbers.

b) Find all the possible ways to complete the multiplication.

- 8 Kim rolls three 6-sided dice.

The product of her numbers is 60

a) What numbers could she have rolled?

b) How many different ways could Kim have made 60?

Talk about it with a partner.

c) Roll three dice and find the product of the numbers you roll.

- 9 In the library there are 5 bookcases.

Each bookcase has 4 shelves.

On each shelf there are 12 books.

How many books are there in the library?

