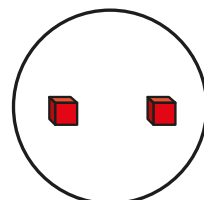
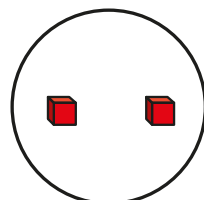
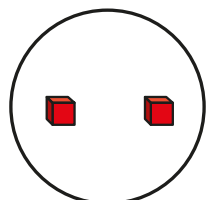


Related calculations



1 Complete the number sentences.

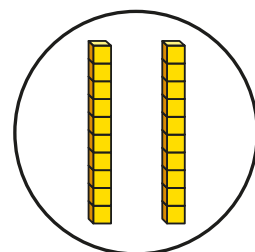
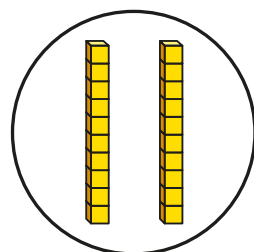
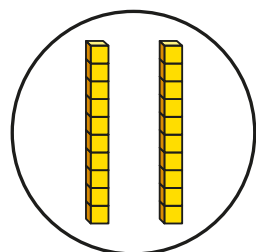
a)



$$3 \times 2 \text{ ones} = \boxed{6} \text{ ones}$$

$$3 \times 2 = \boxed{6}$$

b)



$$3 \times 2 \text{ tens} = \boxed{6} \text{ tens}$$

$$3 \times 20 = \boxed{60}$$

2 Use base 10 to represent the multiplications.
Complete the number sentences.

a) $2 \times 4 = \boxed{8}$

$$2 \times 40 = \boxed{80}$$

b) $5 \times 3 = \boxed{15}$

$$5 \times 30 = \boxed{150}$$

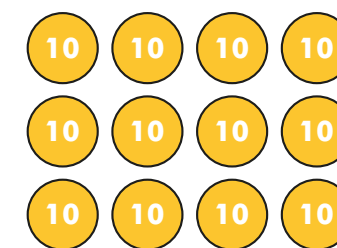
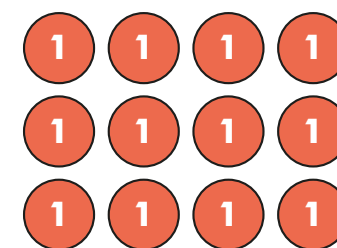
c) $5 \times 2 = \boxed{10}$

$$5 \times 20 = \boxed{100}$$

d) $2 \times 8 = \boxed{16}$

$$80 \times 2 = \boxed{160}$$

3 Nijah makes these arrays.



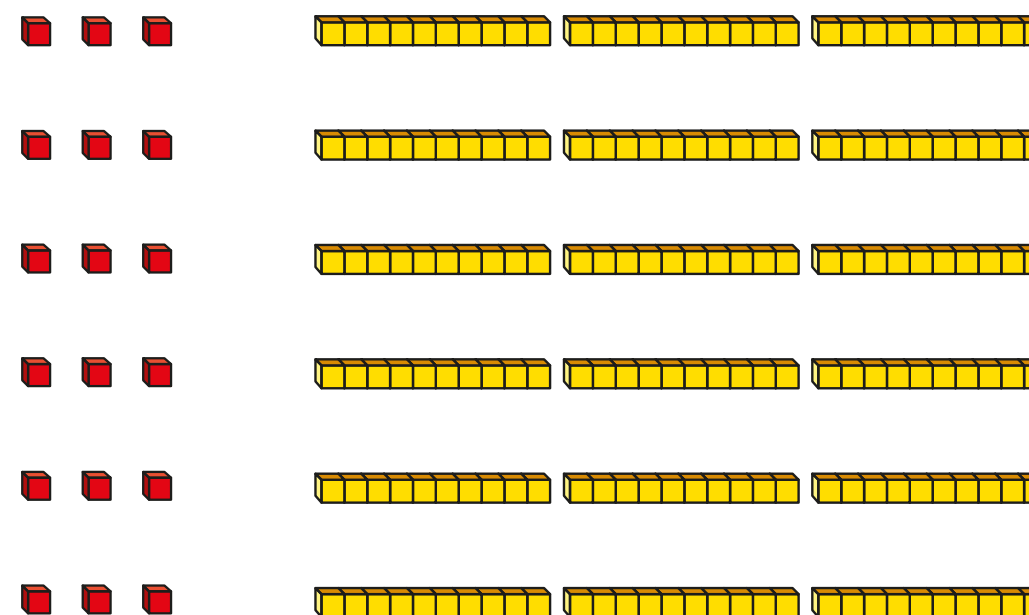
Complete the number sentences.

$$4 \times 3 = \boxed{12}$$

$$4 \times 30 = \boxed{120}$$

What is the same about the arrays? What is different?

4 Scott uses base 10 to make two related calculations.
Use the base 10 to complete Scott's calculations.

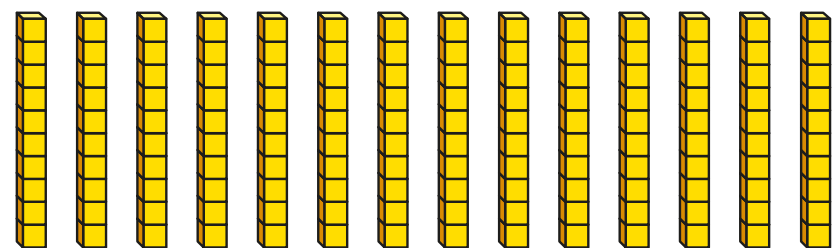


$$6 \times 3 = \boxed{18}$$

$$6 \times 30 = \boxed{180}$$

How does the answer to the first calculation help you work out the second calculation?

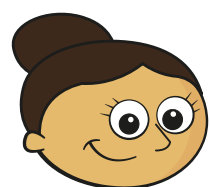
- 5 Use these pieces of base 10 to complete the divisions.



$$14 \div 2 = \boxed{7}$$

$$140 \div 2 = \boxed{70}$$

6



I know
 $5 \times 7 = 35$

Use Dora's fact to complete the calculations.

$$\text{a) } 5 \times 70 = \boxed{350}$$

$$\text{d) } 35 \div 5 = \boxed{7}$$

$$\text{b) } 7 \times 5 = \boxed{35}$$

$$\text{e) } 350 \div 5 = \boxed{70}$$

$$\text{c) } 50 \times 7 = \boxed{350}$$

$$\text{f) } 350 \div 7 = \boxed{50}$$

- 7 Mr Jones buys 12 large jugs.

The total cost of the jugs is £240

How much does each jug cost?

Each jug costs $\boxed{£20}$

How did you work this out?



- 8 Complete the number sentences.

$$\text{a) } 3 \times \boxed{70} = 210$$

$$\text{c) } 4 \times 90 = \boxed{360}$$

$$\text{b) } 240 \div 6 = \boxed{40}$$

$$\text{d) } 120 \div \boxed{60} = 2$$

9

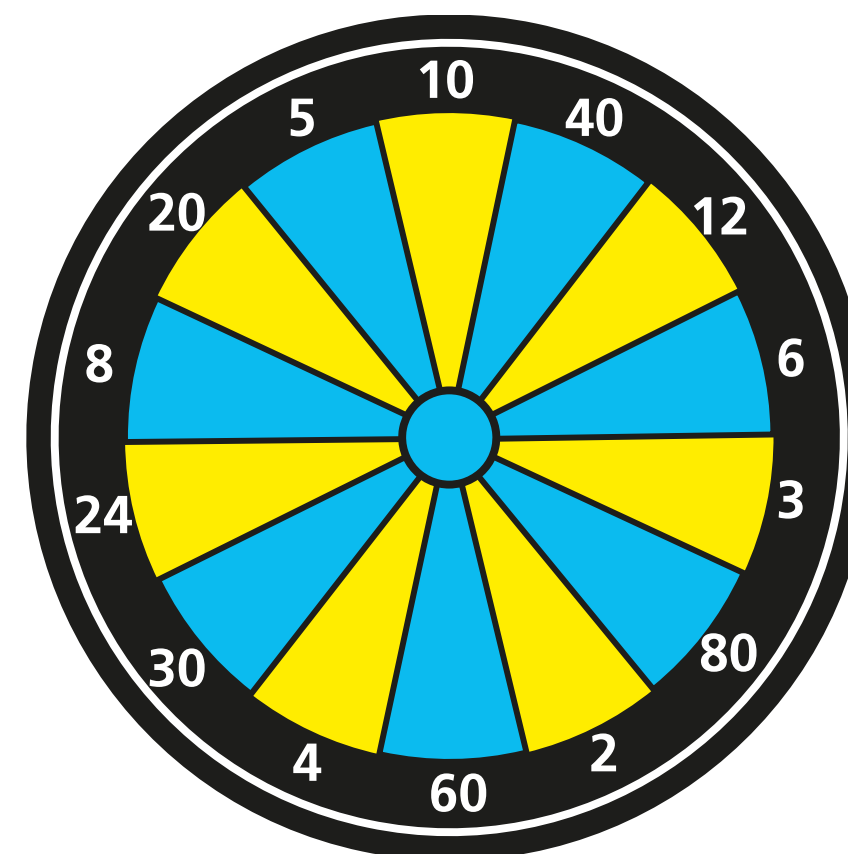
Huan throws two darts at the dartboard.

He multiplies the numbers he hits together.

Huan's score is 240

What two numbers could the darts have landed in?

E.g. $\boxed{40}$ and $\boxed{6}$



How many different answers can you find?

