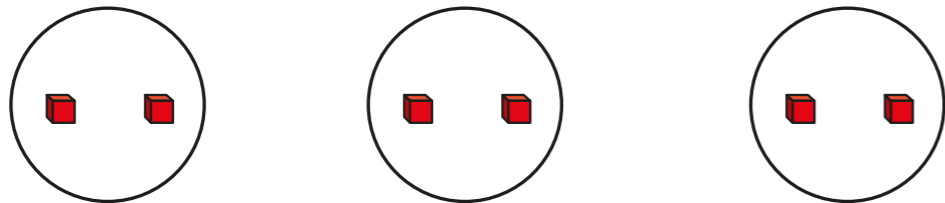


Related calculations



1 Complete the number sentences.

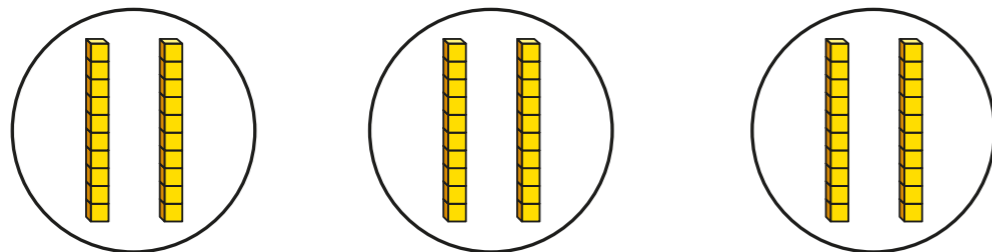
a)



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

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

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

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

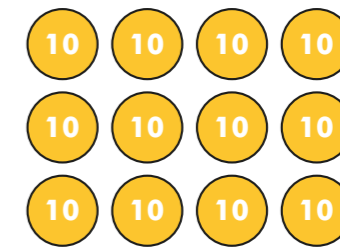
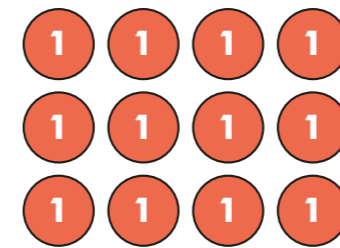
c) $5 \times 2 = \boxed{10}$

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

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

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

3 Nijah makes these arrays.



Complete the number sentences.

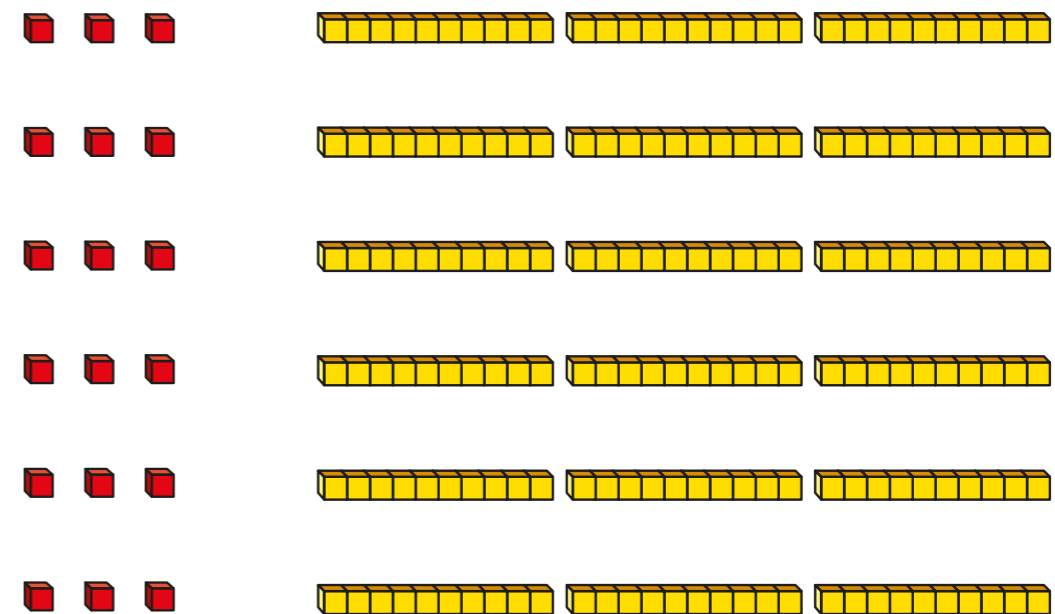
$$4 \times 3 = \boxed{12}$$

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

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.



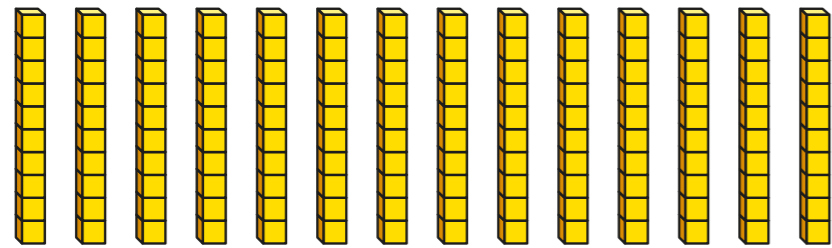
$$6 \times 3 = \boxed{18}$$

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

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



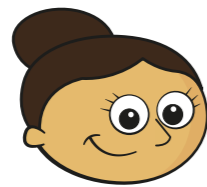
5 Use these pieces of base 10 to complete the divisions.



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

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

6



I know
 $5 \times 7 = 35$

Use Dora's fact to complete the calculations.

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

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

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

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

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

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

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.

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

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

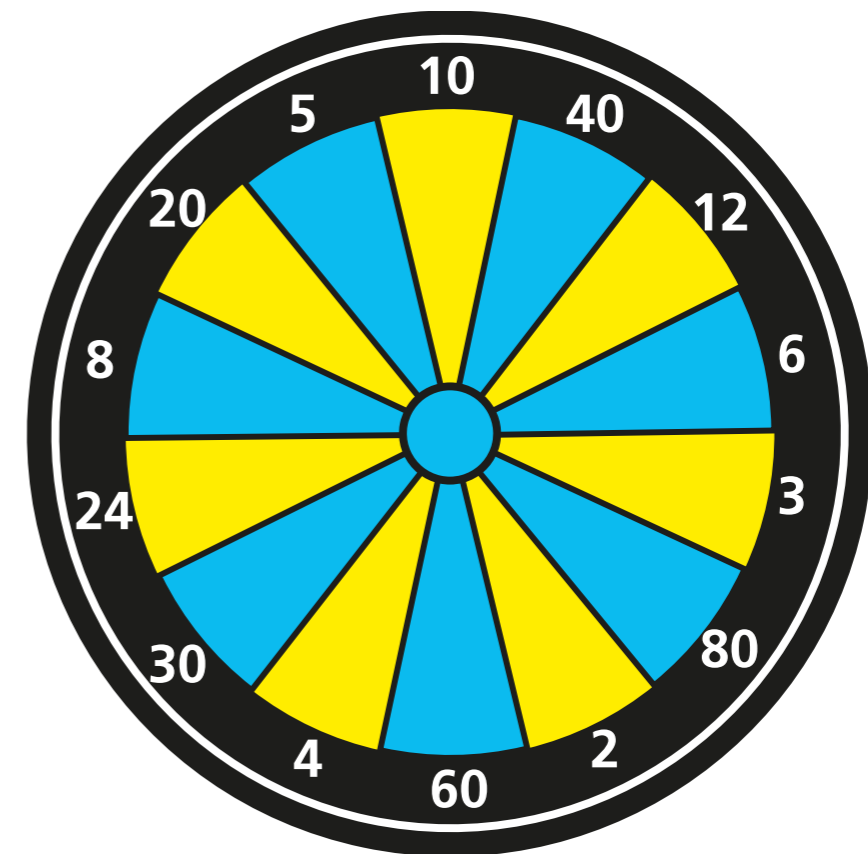
$b) 240 \div 6 = \boxed{40}$

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

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?

