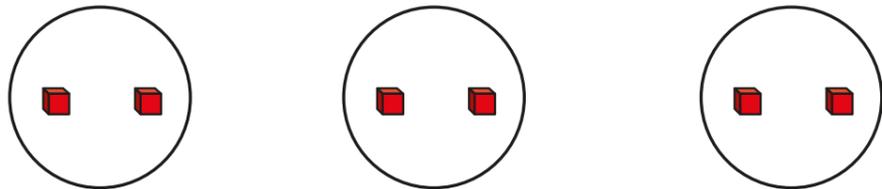


Related calculations



1 Complete the number sentences.

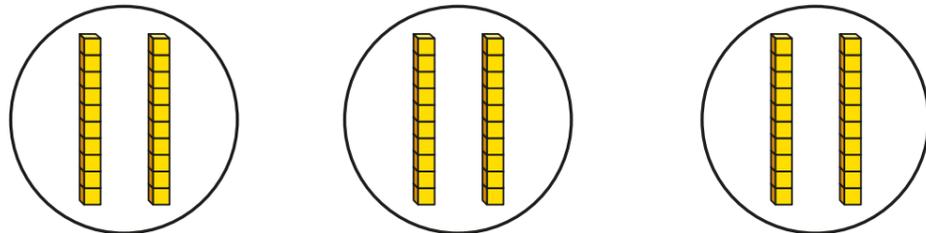
a)



$$3 \times 2 \text{ ones} = \square \text{ ones}$$

$$3 \times 2 = \square$$

b)



$$3 \times 2 \text{ tens} = \square \text{ tens}$$

$$3 \times 20 = \square$$

2 Use base 10 to show the multiplications.

Complete the number sentences.

a) $2 \times 4 = \square$

$2 \times 40 = \square$

b) $5 \times 3 = \square$

$5 \times 30 = \square$

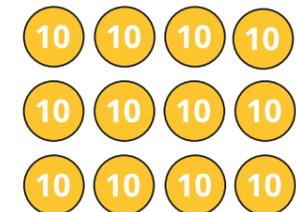
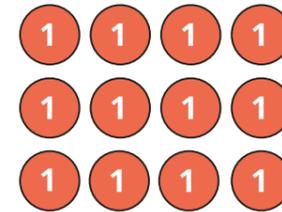
c) $5 \times 2 = \square$

$5 \times 20 = \square$

d) $2 \times 8 = \square$

$80 \times 2 = \square$

3 Nijah makes these arrays.



Complete the number sentences.

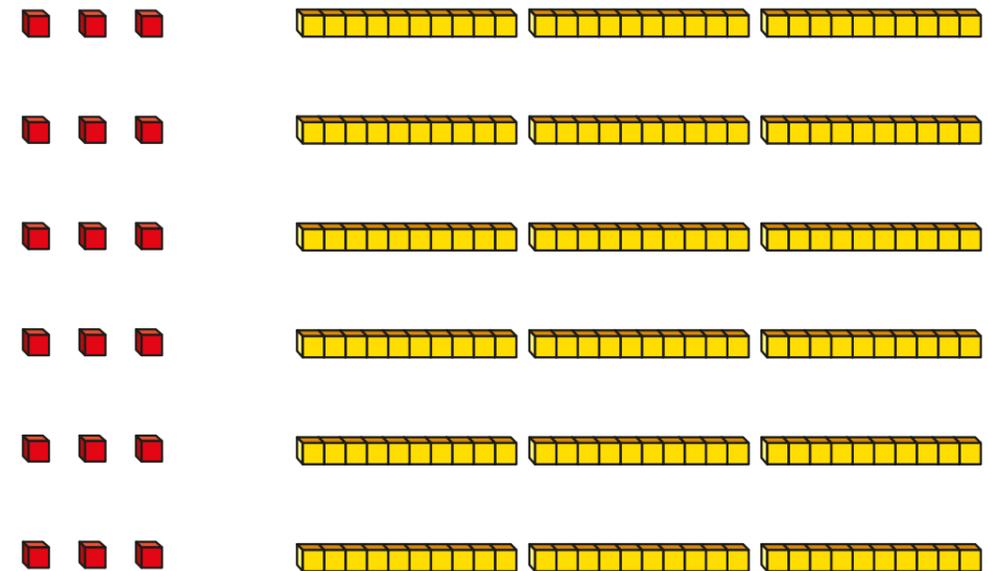
$$4 \times 3 = \square$$

$$4 \times 30 = \square$$

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 the calculations.



$$6 \times 3 = \square$$

$$6 \times 30 = \square$$

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



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

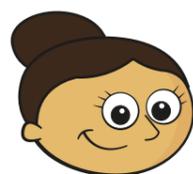
a)

$14 \div 2 = \square$

b)

$140 \div 2 = \square$

6



I know
 $5 \times 7 = 35$

Use Dora's fact to complete the calculations.

a) $5 \times 70 = \square$

d) $35 \div 5 = \square$

b) $7 \times 5 = \square$

e) $350 \div 5 = \square$

c) $50 \times 7 = \square$

f) $350 \div 7 = \square$

7 Mr Jones buys 12 large jugs.

The total cost of the jugs is £240

How much does each jug cost?

How did you work this out?



8 Complete the number sentences.

a) $3 \times \square = 210$

c) $4 \times 90 = \square$

b) $240 \div 6 = \square$

d) $120 \div \square = 2$

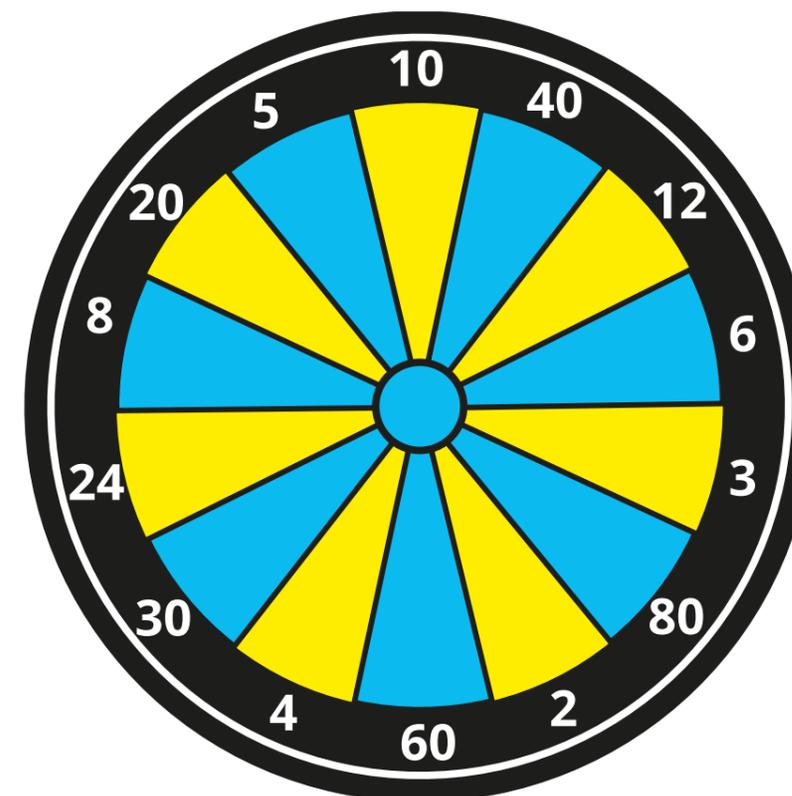
9 Huan throws two darts at the dartboard.

To work out his score, Huan multiplies the numbers he hits together.

Huan's score is 240

What two numbers could the darts have landed in?

and



How many different answers can you find?

