

Make equal groups – sharing

- 1 Annie has 12 apples.



She shares them equally into 2 boxes.

Show how Annie shares the apples equally.

Complete the sentences.

There are 12 apples.

There are boxes.

There are apples in each box.

- 2 Take 20 cubes.

- a) Share them into 2 equal groups.

Complete the sentences.

There are 20 cubes.

There are groups.

There are cubes in each group.

- b) Share the cubes into 5 equal groups.
Complete the sentences.

There are 20 cubes.

There are groups.

There are cubes in each group.

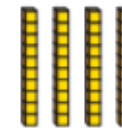
- c) You can share 20 into other equal groups.

Is this true?

How do you know?

- 3 Work out the divisions.

Use base 10 to help you.



- a) $40 \div 2$ b) $40 \div 4$ c) $40 \div 5$ d) $40 \div 10$

Did you have to make any exchanges?

- 4 30 flowers are shared equally between 5 vases.



- a) Complete the division.

$$\square \div \square = \square$$

b) What does each part of the division represent?



Talk about it with a partner.

5 Complete the divisions.

A $20 \div 5 = \square$

C $20 \div \square = 2$

B $20 \div 4 = \square$

D $20 \div 2 = \square$

Write a letter in each box to match the divisions to the sentences.

Dora has 20 apples. She shares them equally between 4 boxes.

Ron has 20 sweets. He shares them equally between some party bags. There are 2 sweets in each party bag.

Dexter has 20 toy cars. He shares them equally between 5 boxes.

Whitney has 20 dolls. She shares them equally with her sister.

What other sentences can you think of to match the divisions?



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- c) You can share 20 into other equal groups.

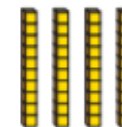
Is this true?

How do you know?

10 groups with 2 cubes

- 3 Work out the divisions.

Use base 10 to help you.



a) $40 \div 2$

20

b) $40 \div 4$

10

c) $40 \div 5$

8

d) $40 \div 10$

4

Did you have to make any exchanges?

- 4 30 flowers are shared equally between 5 vases.



a) Complete the division.

$$\boxed{30} \div \boxed{5} = \boxed{6}$$

ANSWERS

b) What does each part of the division represent?

Talk about it with a partner.



5 Complete the divisions.

A $20 \div 5 = \boxed{4}$

C $20 \div \boxed{10} = 2$

B $20 \div 4 = \boxed{5}$

D $20 \div 2 = \boxed{10}$

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