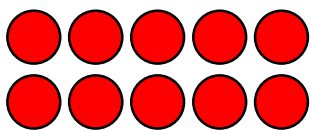


Divide by 5



1 Complete the questions. You may use equipment to help you.

a How many equal groups of 5 can you make from 10?

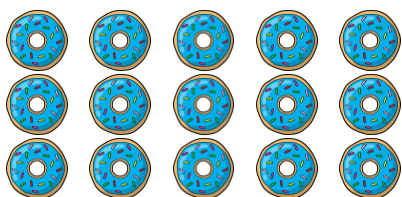


You can make 2 equal groups of 5.

2 lots of 5 is the same as 10.

10 is the same as 2 lots of 5.

b If 5 doughnuts fit in one box, how many boxes do you need for 15 doughnuts?

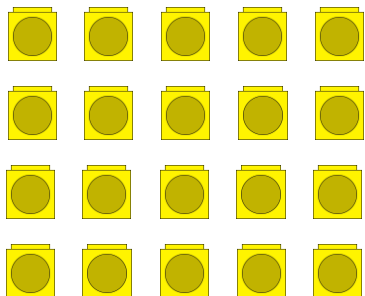


You will need 3 boxes for 15 doughnuts.

3 lots of 5 is the same as 15.

15 is the same as 3 lots of 5.

c How many towers of 5 cubes can you make from 20 cubes?

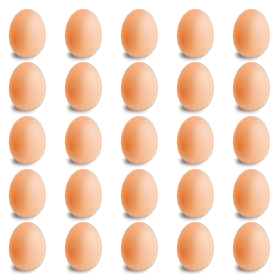


You can make 4 towers from 20 cubes.

4 lots of 5 is the same as 20.

20 is the same as 4 lots of 5.

d If 5 eggs make one omelette, how many omelettes can you make from 25 eggs?

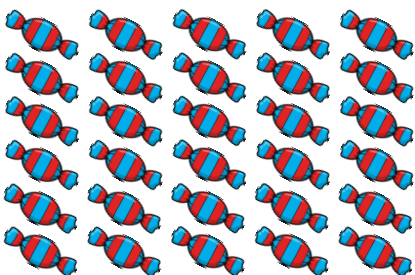


You can make 5 omelettes from 25 eggs.

5 lots of 5 is the same as 25.

25 is the same as 5 lots of 5.

e If 5 sweets make one pack, how many packs can you make from 30 sweets?



You will need 6 packs for 30 sweets.

6 lots of 5 is the same as 30.

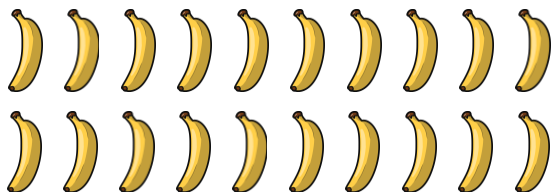
30 is the same as 6 lots of 5.

Divide by 5



1 Share the objects.

a 20 bananas shared between 5 monkeys.



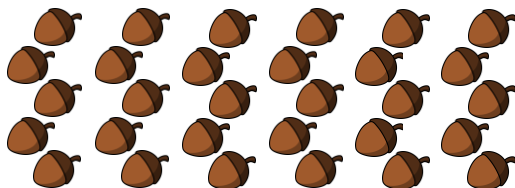
$$\boxed{20} \div \boxed{5} = \boxed{4}$$

b 10 apples shared between 5 horses.



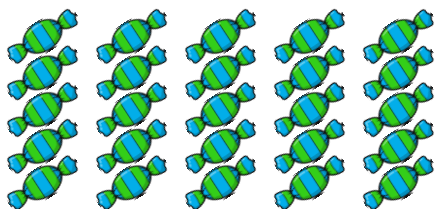
$$\boxed{10} \div \boxed{5} = \boxed{2}$$

c 30 acorns shared between 5 squirrels.



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

d 25 sweets shared between 5 jars.



$$\boxed{25} \div \boxed{5} = \boxed{5}$$

e 15 pencils between 5 tables.



$$\boxed{15} \div \boxed{5} = \boxed{3}$$

f 40 fish between 5 fish tanks.



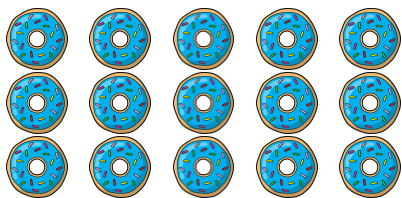
$$\boxed{40} \div \boxed{5} = \boxed{8}$$

Divide by 5



1 Complete the questions.

a If 5 doughnuts fit in one box, how many boxes do you need for 15 doughnuts?

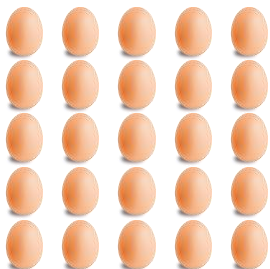


You will need 3 boxes for 15 doughnuts.

3 lots of 5 is the same as 15.

15 is the same as 3 lots of 5.

b If 5 eggs make one omelette, how many omelettes can you make from 25 eggs?

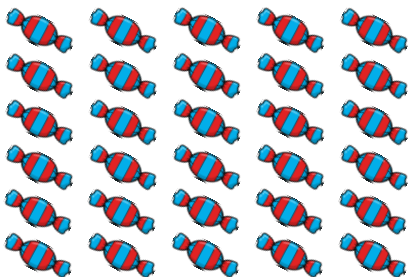


You can make 5 omelettes from 25 eggs.

5 lots of 5 is the same as 25.

25 is the same as 5 lots of 5.

c If 5 sweets make one pack, how many packs can you make from 30 sweets?



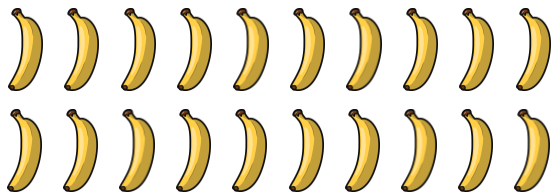
You will need 6 packs for 30 sweets.

6 lots of 5 is the same as 30.

30 is the same as 6 lots of 5.

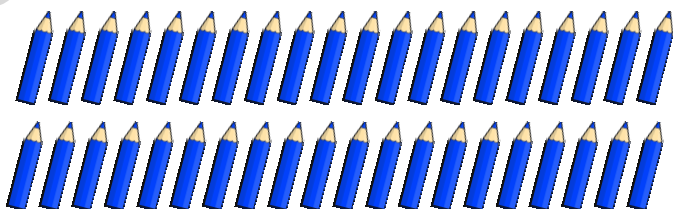
2 Share the objects.

a 20 bananas shared between 5 monkeys.



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

e 40 pencils shared between 5 tables.



$$\boxed{40} \div \boxed{5} = \boxed{8}$$

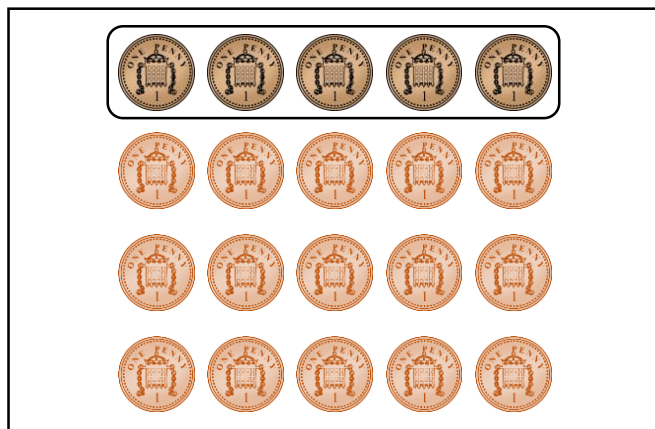
Divide by 5



- 1 Group 1p coins into groups of 5.

How many groups of 5, 1p coins do we need to make 20p?

One group of 5 has been completed for you. Draw the remaining coins to make 20p.



4 lots of 5 1ps = 20 1p coins.

4 lots of 5p = 20p.

20p = 4 x 5p.

20p ÷ 5p = 4

- 2 Answer the questions.

- a There are 25 pencils shared between 5 children.

How many pencils will each child get? 5

- b There are 35 sweets shared between 5 friends.

How many sweets will each friend get? 7

- c 55p is shared between 5 children.

How much will each child get? 11p

- 3 Beth says,



I have 48 sweets.
I can share these equally between my 5 friends.

Is Beth correct?

Explain your answer.

No Beth is not correct.

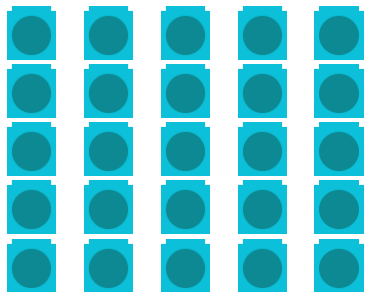
You cannot equally share 48 between 5 as 48 is not a multiple of 5.

Divide by 5



1 Complete the questions.

a How many towers of 5 cubes can you make from 25 cubes?

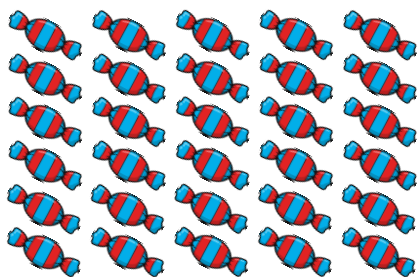


You can make 5 towers from 25 cubes.

5 lots of 5 is the same as 25.

25 is the same as 5 lots of 5.

b If 5 sweets make one pack, how many packs can you make from 30 sweets?



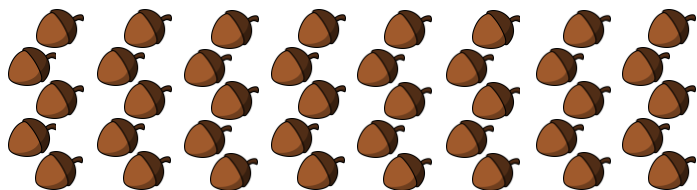
You will need 6 packs for 30 sweets.

6 lots of 5 is the same as 30.

30 is the same as 6 lots of 5.

2 Share the objects.

a 40 acorns shared between 5 squirrels.



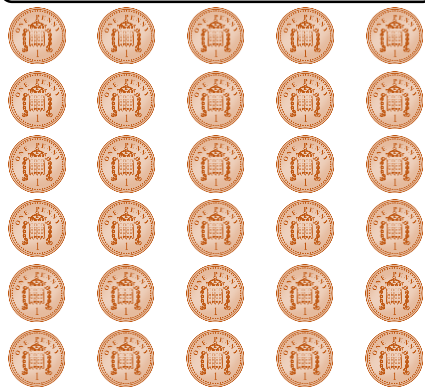
$$\boxed{40} \div \boxed{5} = \boxed{8}$$

b 20 pencils shared between 5 tables.



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

3



How many groups of 5 1p coins do we need to make 35p? One group of 5 has been completed for you. Draw the remaining coins to make 35p.

7 lots of 5 1ps = 35 1p coins.

7 lots of 5p = 35p.

35p = 7 x 5p.

35p ÷ 5p = 7

Divide by 5



Reasoning and problem solving challenge cards:

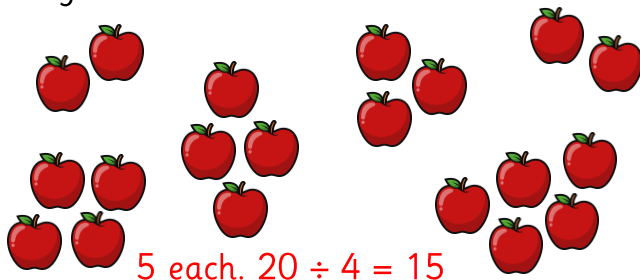
Spot the mistake.

$$\boxed{60} \div \boxed{5} = \boxed{10}$$

Explain your answer and correct the mistake.

$60 \div 5 = 12$ not 10.

Ben, Sue, Kat and Mo share these apples equally between them. How many will they each get? Write a calculation to show this.



40p is divided equally between five friends. They will each get 7p.

Is this correct?

Explain your answer.



No.

They will each get 8p as $40p \div 5 = 8p$

I have 45 sweets that I share equally with my 4 friends.

We each get 8 sweets.



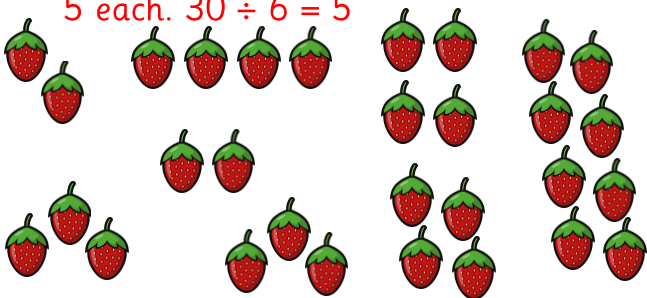
True or false? Explain your answer.

False. $45 \div 5 = 9$.

They will get 9 sweets each.

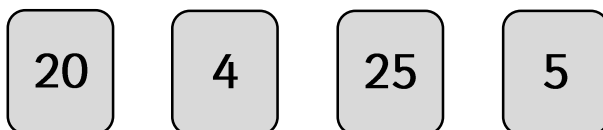
6 friends share these strawberries equally between them. How many will they each get? Write a calculation to show this.

5 each. $30 \div 6 = 5$



How many division sentences can you make from the following numbers?

You may use the cards more than once.



List them.

$20 \div 4 = 5$ $20 \div 5 = 4$ $25 \div 5 = 5$

Five friends divide 55p equally between them. They will get 11p each.

Is this correct?

Explain your answer.



Yes this is correct.

They will each get 11p as $55 \div 5 = 11p$.



Beth has less than 30 cupcakes to share between her friends.

If she gives 5 cupcakes to each friend and has 3 left over at the end, how many cupcakes could she have started with?

Beth could have started with: 28, 23, 18 or 13 cupcakes.