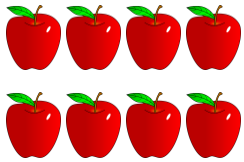


Make equal groups - sharing



1 Share the objects equally.

a 8 apples between two baskets.



There are 8 apples altogether.

There are 2 baskets.

There are _____ apples in each basket.

b 10 stamps between two envelopes.

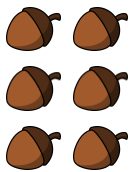


There are 10 stamps altogether.

There are 2 envelopes.

There are _____ stamps on each envelope.

c 6 acorns between two squirrels.

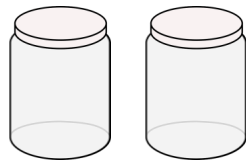
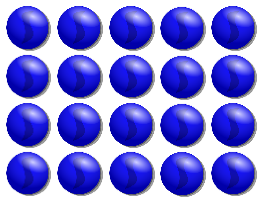


There are _____ acorns altogether.

There are _____ squirrels.

There are _____ acorns for each squirrel.

d 20 marbles between two jars.

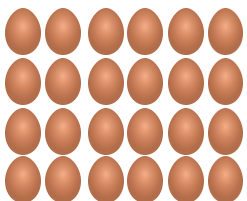


There are _____ marbles altogether.

There are _____ jars.

There are _____ marbles in each jar.

e 24 eggs between two boxes.



There are _____ eggs altogether.

There are _____ boxes.

There are _____ eggs in each box.

f 12 doughnuts between two plates.



There are _____ doughnuts altogether.

There are _____ plates.

There are _____ doughnuts on each plate.

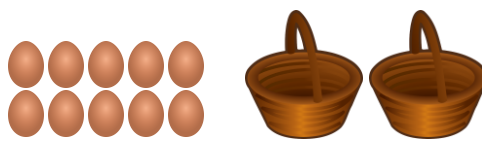
Make equal groups - sharing



1 Share the objects equally.

a 8 eggs between two baskets.

$$\boxed{8} \div \boxed{2} = \boxed{}$$

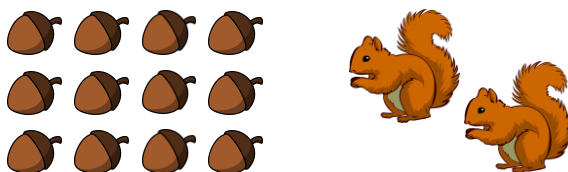


6 eggs between two baskets.

$$\boxed{6} \div \boxed{2} = \boxed{}$$

b 12 acorns between two squirrels.

$$\boxed{} \div \boxed{} = \boxed{}$$

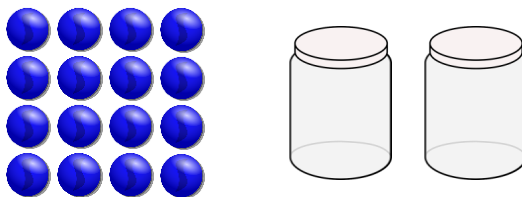


10 acorns between two squirrels.

$$\boxed{} \div \boxed{} = \boxed{}$$

c 16 marbles between two jars.

$$\boxed{} \div \boxed{} = \boxed{}$$

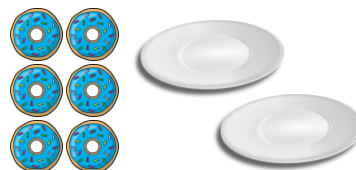


14 marbles between two jars.

$$\boxed{} \div \boxed{} = \boxed{}$$

2 Share 6 doughnuts equally between two plates.

$$\boxed{7} \div \boxed{2} = \boxed{3}$$



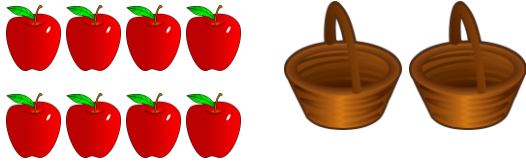
Is the division calculation correct? Explain how you know.

Make equal groups - sharing



1 Share the objects equally.

a 8 apples between two baskets.



There are _____ apples altogether.

There are _____ baskets.

There are _____ apples in each basket.

b 10 stamps between two envelopes.

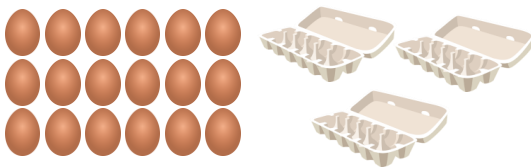


There are _____ stamps altogether.

There are _____ envelopes.

There are _____ stamps on each envelope.

c 18 eggs between three boxes.



There are _____ eggs altogether.

There are _____ boxes.

There are _____ eggs in two boxes.

d 9 doughnuts between three plates.



There are _____ doughnuts altogether.

There are _____ plates.

There are _____ doughnuts on each plate.

2 Share the objects.

15 marbles between three jars.

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



12 marbles between three jars.

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



Make equal groups - sharing



1 Write a number sentence to show the answer.

a Pete has 15 sweets that he shares equally between 3 friends.

$$\underline{15} \div \underline{3} = \underline{\quad\quad} \text{ for each friend.}$$

b Zoe has 12 buttons that she needs to share between 3 shirts.

$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad} \text{ buttons for each shirt.}$$

c Jan has 20 oranges that she needs to share between 5 bowls.

$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad} \text{ in each bowl.}$$

d Andy has 16p that he needs to share equally between 8 friends.

$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad} \text{p for each friend.}$$

e Angie has 18 marbles that she shares equally between 3 jars.

$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad} \text{ in each jar.}$$

f Tim has 9 cupcakes that he shares equally between 3 friends.

$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad} \text{ for each friend.}$$

2 Ben says,



I can share 20 biscuits equally between my 6 friends.

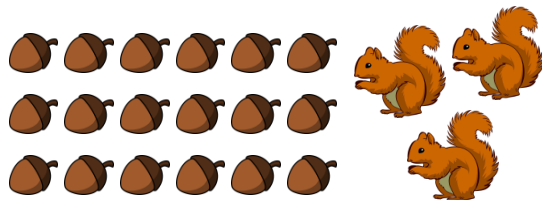
Is Ben correct? Explain your answer.

Make equal groups - sharing



1 Share the objects equally.

a 18 acorns between three squirrels.



There are _____ acorns altogether.

There are _____ squirrels.

There are _____ acorns for each squirrel.

b 9 doughnuts between three plates.

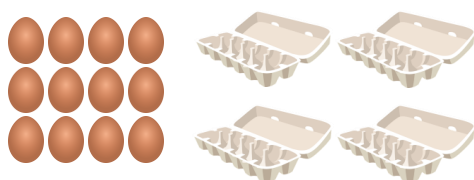


There are _____ doughnuts altogether.

There are _____ plates.

There are _____ doughnuts on each plate.

c 12 eggs between four boxes.

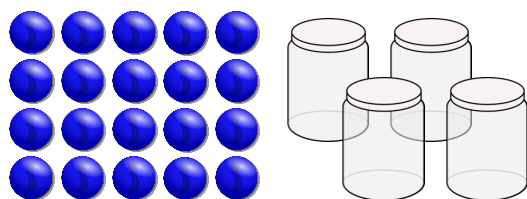


There are _____ eggs altogether.

There are _____ boxes.

There are _____ eggs in four boxes.

d 20 marbles between four jars.



There are _____ marbles altogether.

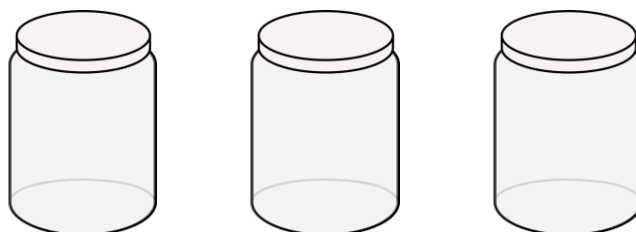
There are _____ jars.

There are _____ marbles in each jar.

2 Share the objects.

15 marbles between three jars.

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



12 marbles between three jars.

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

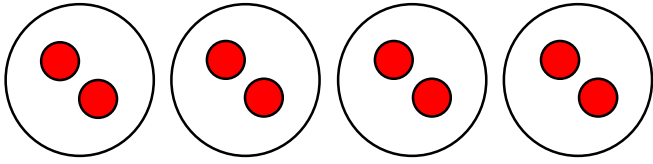
Make equal groups - sharing



Reasoning and problem solving challenge cards:

Does the number sentence match the shared groups?

$$8 \div 4 = 2$$



Yes or No? Explain your answer.

Which of these numbers can make equal groups?



Explain your answer.

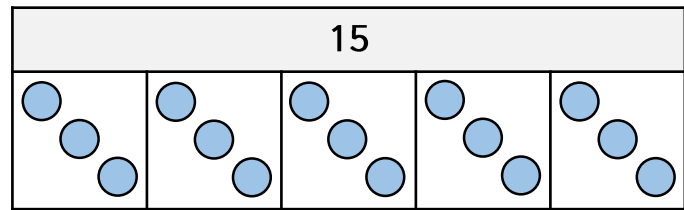
Can John share 24 fish equally between the fish tanks below?



Yes or no? If not, explain why.

Does this bar model represent the number sentence? Yes or No? Explain your answer.

$$15 \div 3 = 5$$



Phil has 20 sweets and shares them equally between 5 friends.

Kim has 20 sweets and shares them equally between 10 friends.

Whose friends will receive the most sweets?
How do you know?

Mike says you can share the number 12 equally five different ways.

Is Mike correct?
Explain your answer.

Kelly says you can share 20 equally in 4 different ways.

Is Kelly correct?
Explain your answer.

Sally has 30 marbles and shares them equally between 6 friends.

Mark has 30 marbles and shares them equally between 5 friends.

Whose friends will receive the most marbles?
How do you know?