

# Make equal groups - grouping



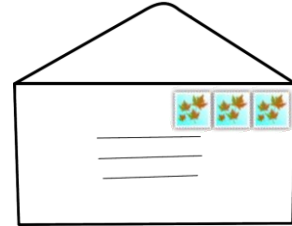
1 Group the objects equally.

- a Stamps come in packs of 6. We need to put 3 stamps on each envelope.  
How many envelopes will we need?

There are 6 stamps altogether.

There are 3 stamps on each envelope.

We need \_\_\_\_\_ envelopes.

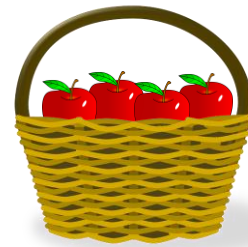


- b Apples come in packs of 8. We need to put 4 apples in each basket.  
How many baskets will we need?

There are 8 apples altogether.

There are 4 apples in each basket.

We need \_\_\_\_\_ baskets.

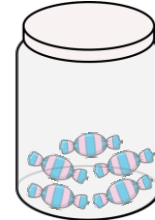


- c Sweets come in packs of 10. We need to put 5 sweets in each jar.  
How many jars will we need?

There are \_\_\_\_\_ sweets altogether.

There are \_\_\_\_\_ sweets in each jar.

We need \_\_\_\_\_ jars.



- d Doughnuts come in packs of 15. We need to put 3 doughnuts on each tray.  
How many trays will we need?

There are \_\_\_\_\_ doughnuts altogether.

There are \_\_\_\_\_ doughnuts on each tray.

We need \_\_\_\_\_ trays.

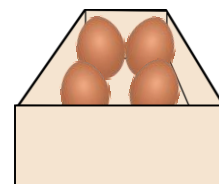


- e Eggs come in packs of 20. We need to put 4 eggs in each box.  
How many boxes will we need?

There are \_\_\_\_\_ eggs altogether.

There are \_\_\_\_\_ eggs in each box.

We need \_\_\_\_\_ boxes.

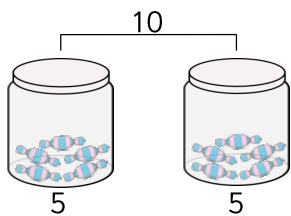


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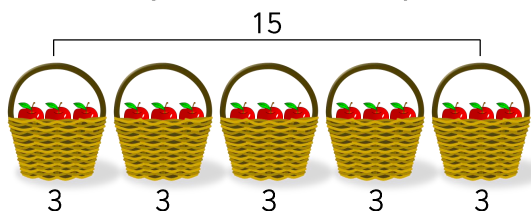
1 Complete the calculations.

- a Jenny has 10 sweets. She puts 5 sweets in each jar.  
How many jars will she fill?



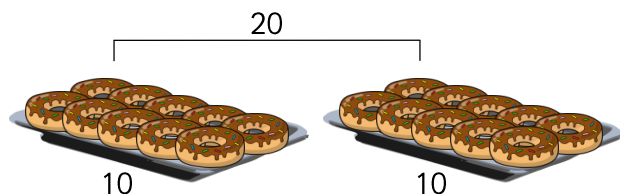
$$\boxed{10} \div \boxed{\phantom{00}} = \boxed{5}$$
$$\boxed{\phantom{00}} \times \boxed{5} = \boxed{10}$$

- b Joe has 15 apples. He puts 3 apples in each basket.  
How many baskets will he fill?



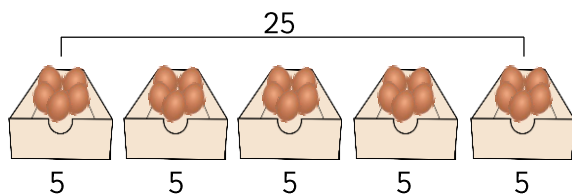
$$\boxed{15} \div \boxed{\phantom{00}} = \boxed{3}$$
$$\boxed{\phantom{00}} \times \boxed{3} = \boxed{15}$$

- c Mark has 20 doughnuts. He puts 10 doughnuts on each tray.  
How many trays will he fill?



$$\boxed{20} \div \boxed{\phantom{00}} = \boxed{10}$$
$$\boxed{\phantom{00}} \times \boxed{10} = \boxed{20}$$

- d Pam has 25 eggs. She puts 5 eggs in each box.  
How many boxes will she fill?



$$\boxed{25} \div \boxed{\phantom{00}} = \boxed{5}$$
$$\boxed{\phantom{00}} \times \boxed{5} = \boxed{25}$$

2 Use a number line to help you answer the following questions.

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

b How many equal groups of 2 can you make from 20? \_\_\_\_\_

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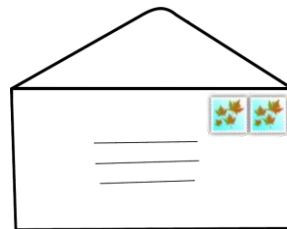
1 Group the objects equally.

- a Stamps come in packs of 10. We need to put 2 stamps on each envelope.  
How many envelopes will we need?

There are \_\_\_\_\_ stamps altogether.

There are \_\_\_\_\_ stamps on each envelope.

We need \_\_\_\_\_ envelopes.

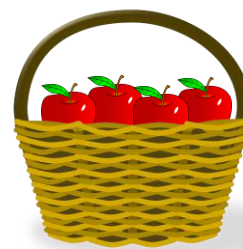


- b Apples come in packs of 8. We need to put 4 apples in each basket.  
How many baskets will we need?

There are \_\_\_\_\_ apples altogether.

There are \_\_\_\_\_ apples in each basket.

We need \_\_\_\_\_ baskets.

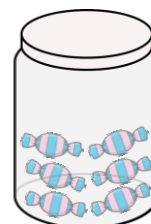


- c Sweets come in packs of 30. We need to put 6 sweets in each jar.  
How many jars will we need?

There are \_\_\_\_\_ sweets altogether.

There are \_\_\_\_\_ sweets in each jar.

We need \_\_\_\_\_ jars.



- d Doughnuts come in packs of 15. We need to put 5 doughnuts on each tray.  
How many trays will we need?

There are \_\_\_\_\_ doughnuts altogether.

There are \_\_\_\_\_ doughnuts on each tray.

We need \_\_\_\_\_ trays.

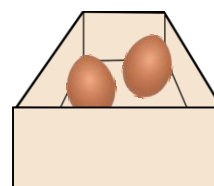


- e Eggs come in packs of 20. We need to put 2 eggs in each box.  
How many boxes will we need?

There are \_\_\_\_\_ eggs altogether.

There are \_\_\_\_\_ eggs in each box.

We need \_\_\_\_\_ boxes.

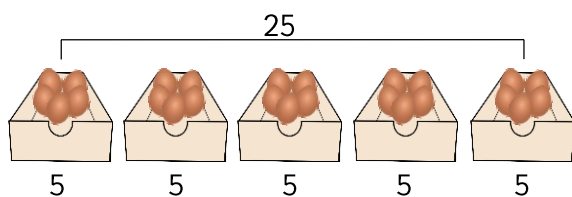


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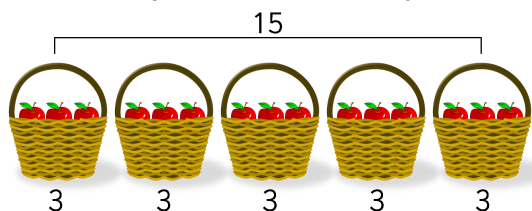
1 Complete the calculations.

- a Pam has 25 eggs. She puts 5 eggs in each box.  
How many boxes can she fill?



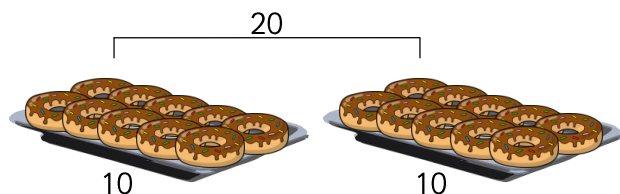
$$\square \div \square = \square$$
$$\square \times \square = \square$$

- b Joe has 15 apples. He puts 3 apples in each basket.  
How many baskets can he fill?



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

- c Mark has 20 doughnuts. He puts 10 doughnuts on each tray.  
How many trays can he fill?



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

2 Use a number line to help you answer the following questions.

- a How many equal groups of 5 can you make from 10? \_\_\_\_\_
- b How many equal groups of 5 can you make from 25? \_\_\_\_\_
- c How many equal groups of 10 can you make from 100? \_\_\_\_\_
- d How many equal groups of 2 can you make from 20? \_\_\_\_\_
- e How many equal groups of 5 can you make from 20? \_\_\_\_\_

# Make equal groups - grouping



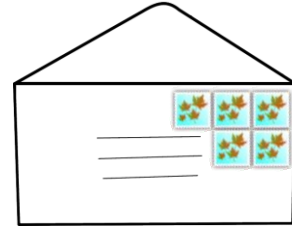
1 Group the objects equally.

- a Stamps come in packs of 10. We need to put 5 stamps on each envelope. How many envelopes will we need?

There are \_\_\_\_\_ stamps altogether.

There are \_\_\_\_\_ stamps on each envelope.

We need \_\_\_\_\_ envelopes.

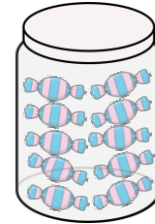


- b Sweets come in packs of 100. We need to put 10 sweets in each jar. How many jars will we need?

There are \_\_\_\_\_ sweets altogether.

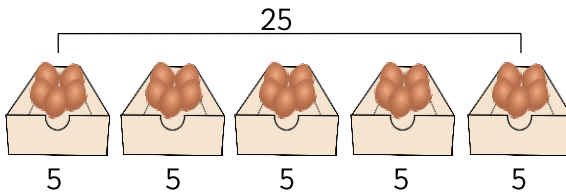
There are \_\_\_\_\_ sweets in each jar.

We need \_\_\_\_\_ jars.



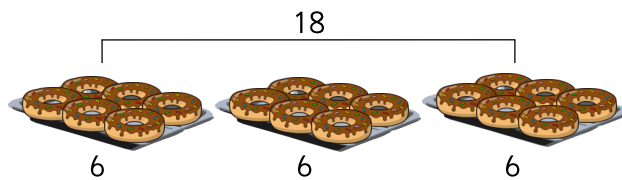
2 Complete the calculations.

- a Pam has 25 eggs. She puts 5 eggs in a box. How many boxes can she fill?



$$\begin{array}{r} \square \div \square = \square \\ \square \times \square = \square \end{array}$$

- b Mark has 18 doughnuts. He puts 6 doughnuts on a tray. How many trays can he fill?



$$\begin{array}{r} \square \div \square = \square \\ \square \times \square = \square \end{array}$$

3 Use a number line to help you answer the following questions.

a How many equal groups of 3 can you make from 18? \_\_\_\_\_

b How many equal groups of 5 can you make from 35? \_\_\_\_\_

c How many equal groups of 10 can you make from 110? \_\_\_\_\_

# Make equal groups - grouping



Reasoning and problem solving challenge cards:

20 counters are made into equal groups.

Dom says 4 sets of equal groups can be made and shown using 4 number sentences.

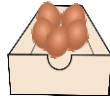
Is Dom correct? Explain your answer.

Rob says he has 4 equal groups. The amount he started with is greater than 13 but less than 25.

Could Rob have 4 equal groups? How many different combinations can you find?

Eggs come in packs of 40.

5 eggs will go in each box.



9 boxes will be needed.

True or false? Explain your answer.



I can make 12 equal groups of 6 from 60.

Is Ben correct?

Explain your answer.

Kat says she has 5 equal groups. The amount she started with is greater than 14 but less than 36.

Could Kat have 5 equal groups?

How many different combinations can you find?

Doughnuts come in packs of 20.

5 doughnuts are put on each tray.

5 trays will be needed.



True or false? Explain your answer.

Tam says,



I can make 3 equal groups from 24?

Is Tam correct? Prove it.

50 counters are made into equal groups.

Sue says five different sets of equal groups can be made.

Is Sue correct? Prove it.