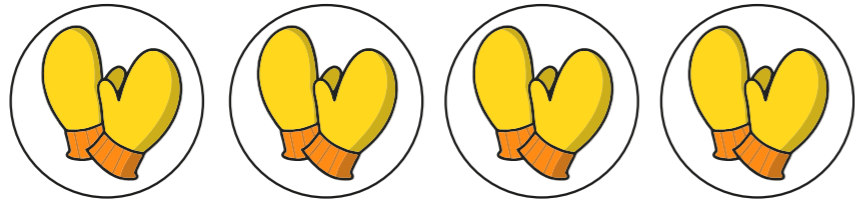


# Recognise equal groups

1 Complete the sentences.

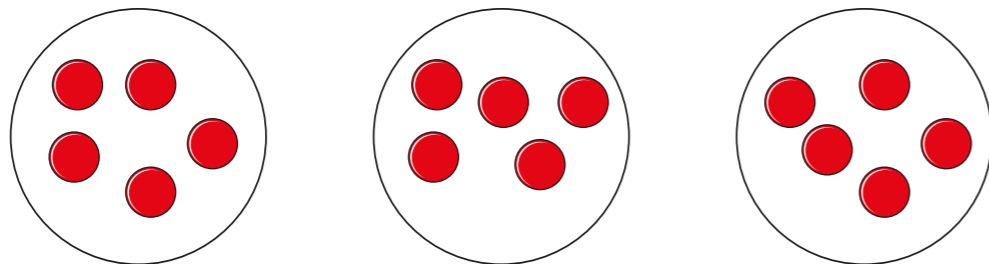
a)



There are  pairs with  mittens  
in each pair.

There are  mittens altogether.

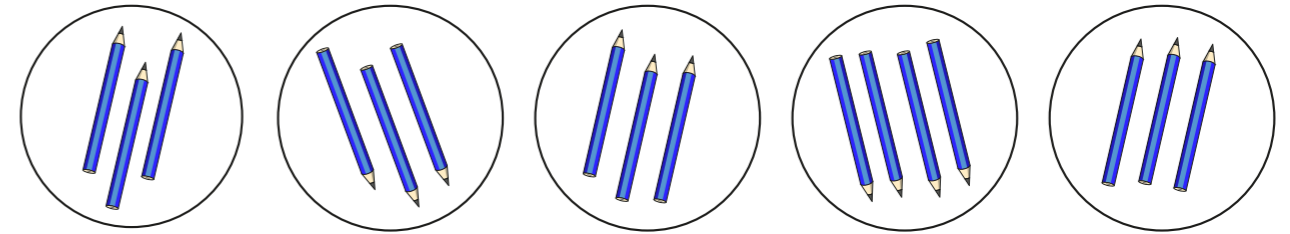
b)



There are  groups with   
counters in each group.

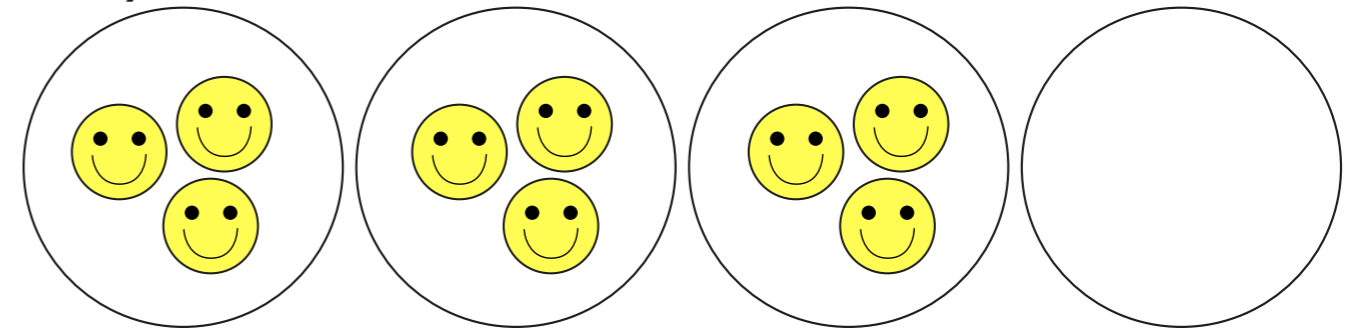
There are  counters altogether.

2 Tick the unequal group.



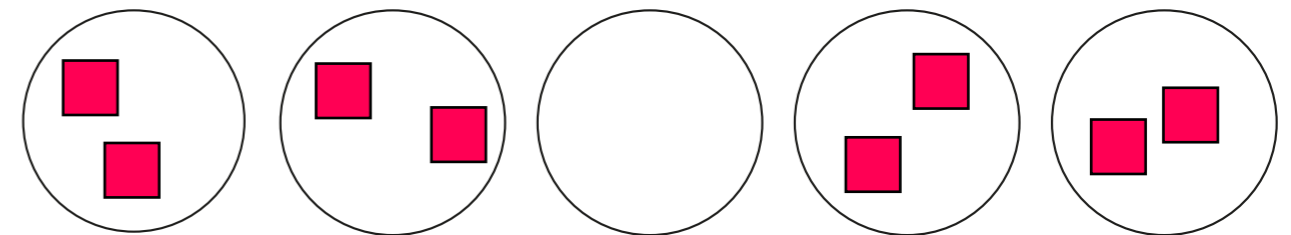
3 Complete the equal groups and sentences.

a)



There are  groups with  in  
each group.

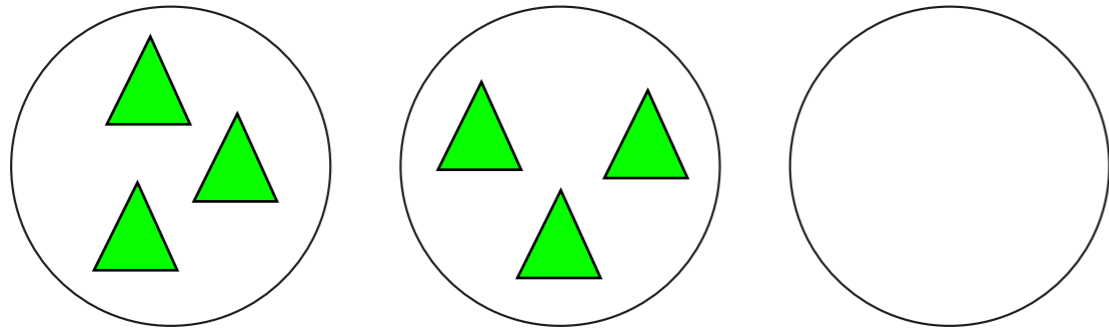
b)



There are  groups with  in  
each group.

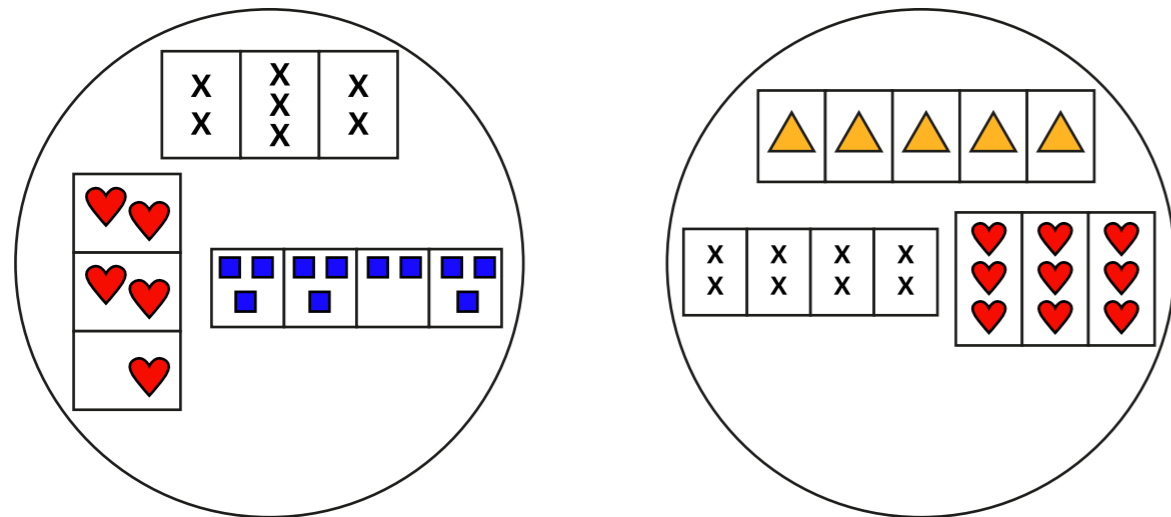


c)

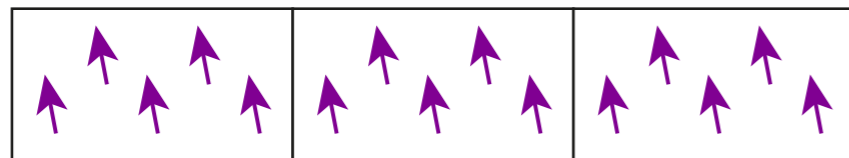


There are  groups with  in each group.

4 a) How has Annie sorted these groups?

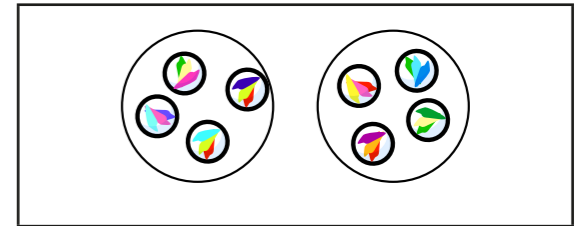


b) Draw a line to show where this group belongs.

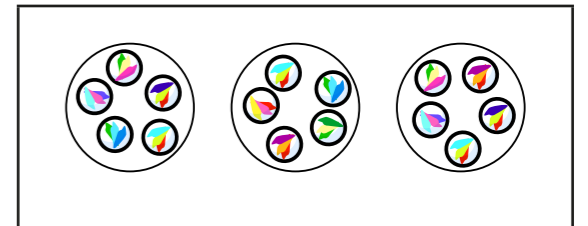


5 Match the sentences to the pictures.

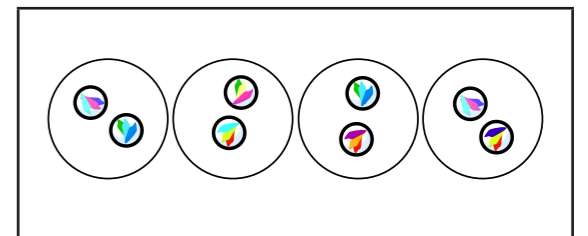
There are 3 equal groups with 5 in each group.



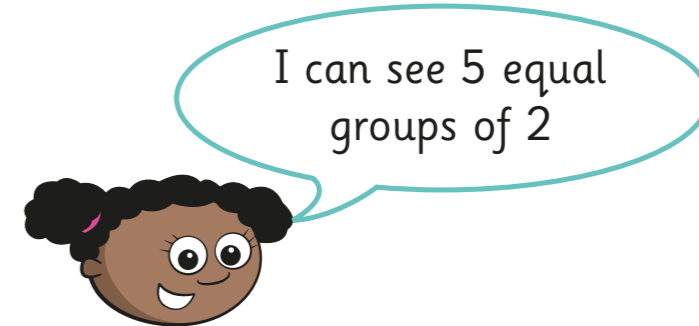
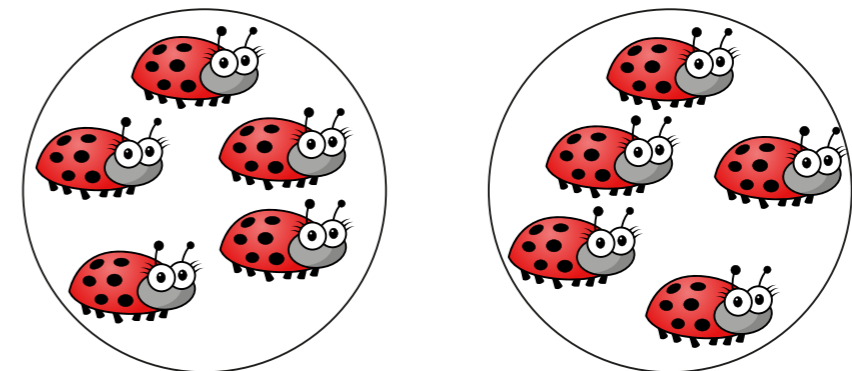
There are 4 equal groups with 2 in each group.



There are 2 equal groups with 4 in each group.



6



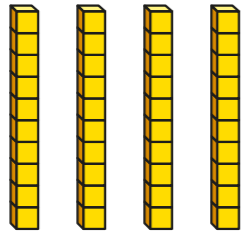
Is Whitney correct? \_\_\_\_\_

Talk to a partner.

# Make equal groups

1 Complete the sentences.

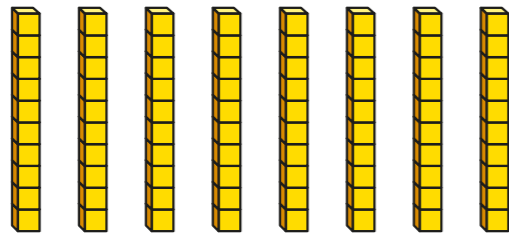
a)



There are  equal groups of 10

There are  tens.

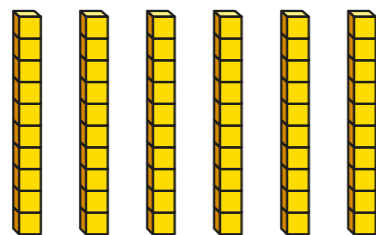
b)



There are  equal groups of 10

There are  tens.

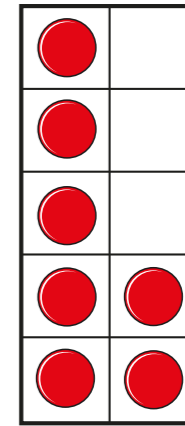
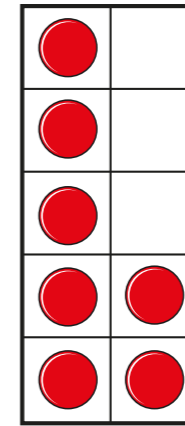
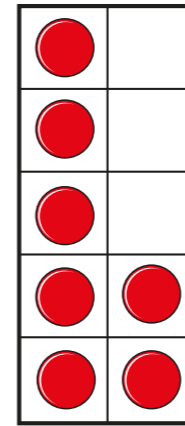
c)



There are  tens.

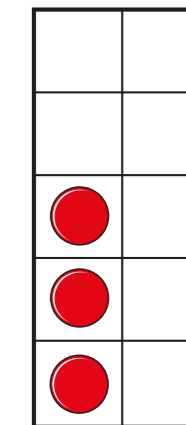
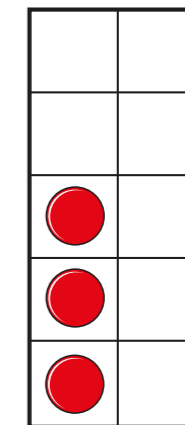
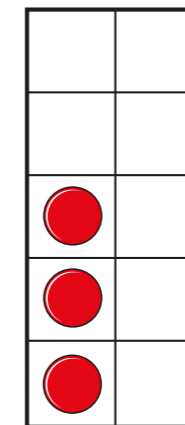
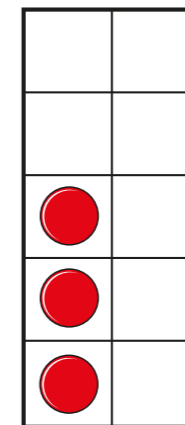
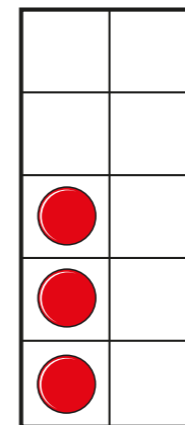
2 The ten frames show equal groups.

a)



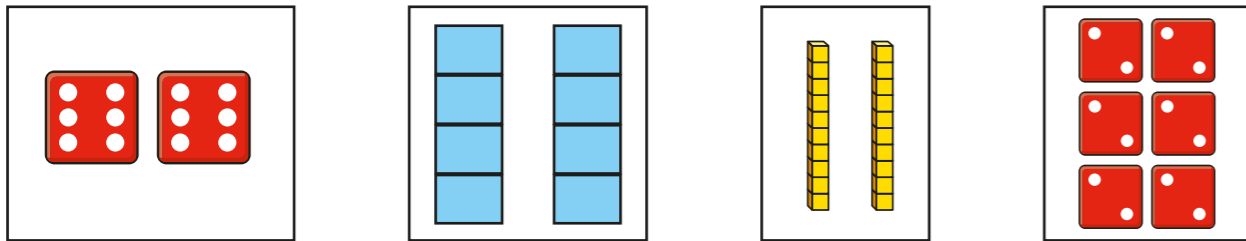
There are  equal groups with   
in each group.

b)



There are  equal groups with   
in each group.

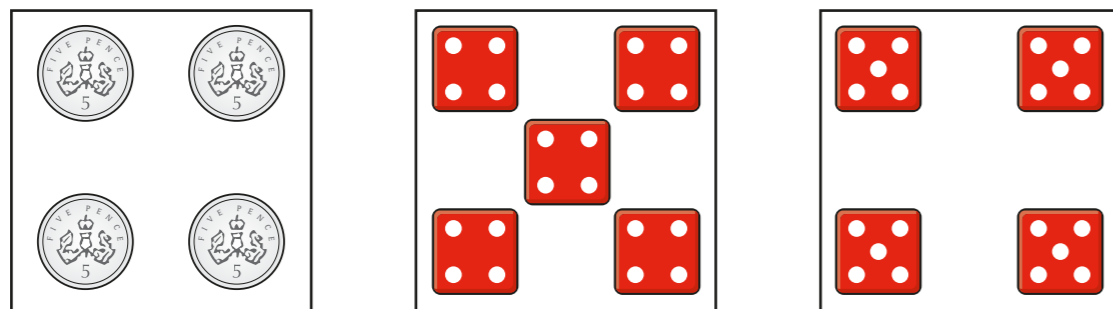
3 Match the equal groups.



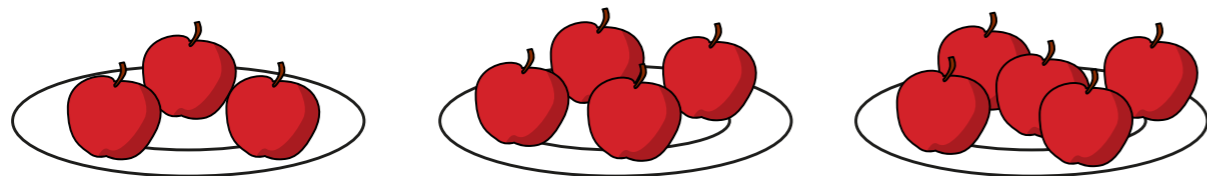
two 10s      2 sixes      6 twos      two 4s

4 Which pictures represent 4 equal groups with 5 in each group?

Tick your answers.

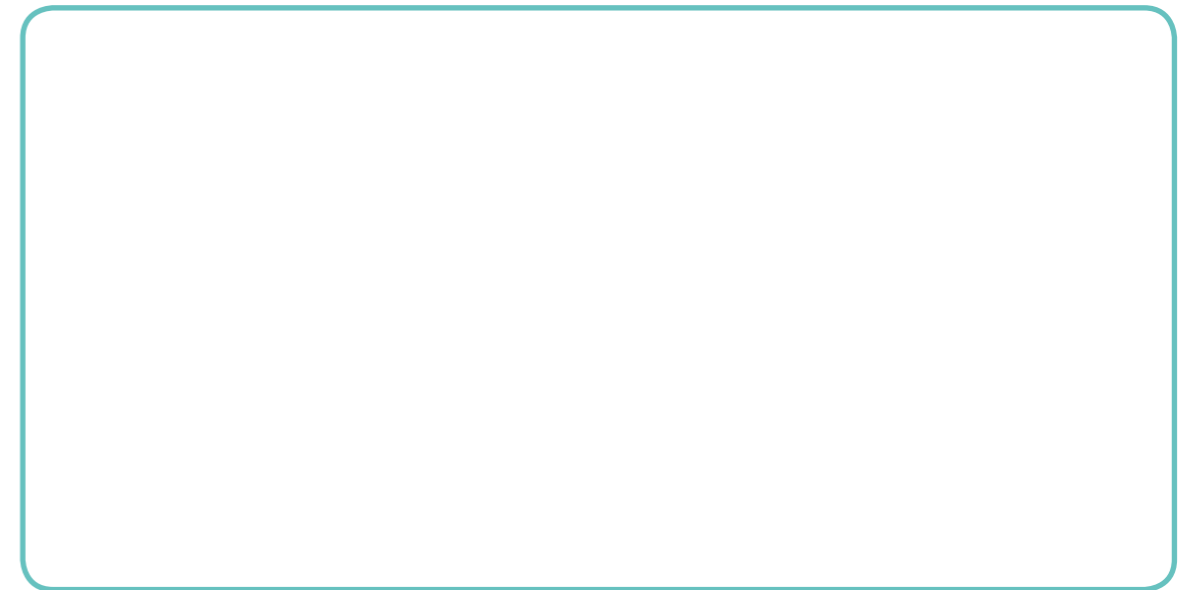


5 How can Eva make the groups equal?

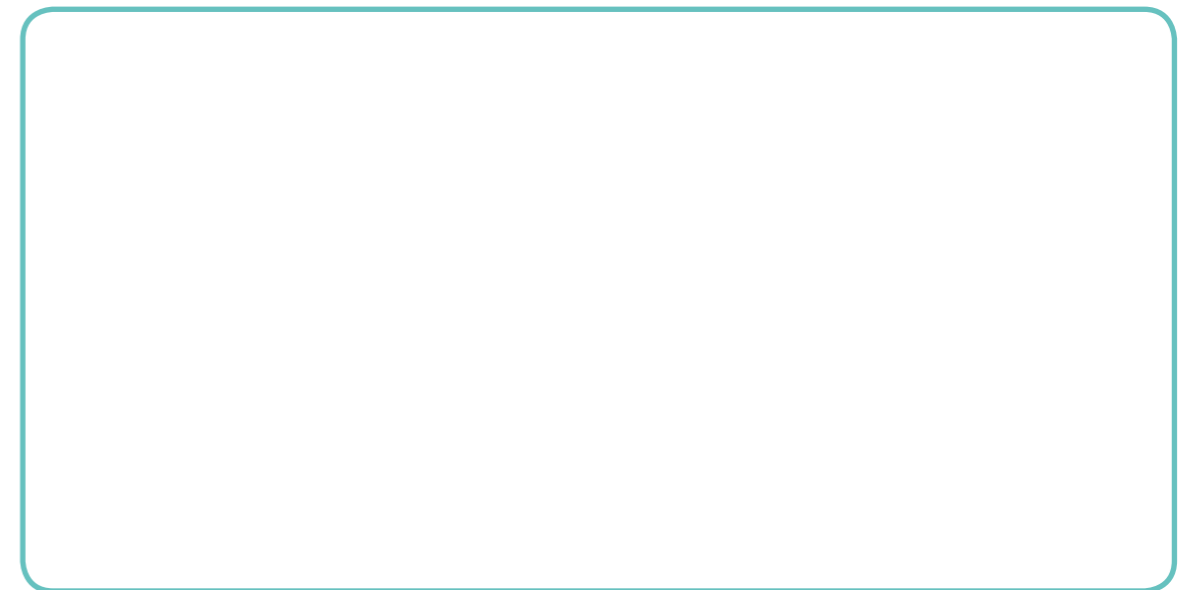


6 Draw triangles to match each sentence.

a) There are 3 equal groups with 2 in each group.



b) There are 2 equal groups with 3 in each group.



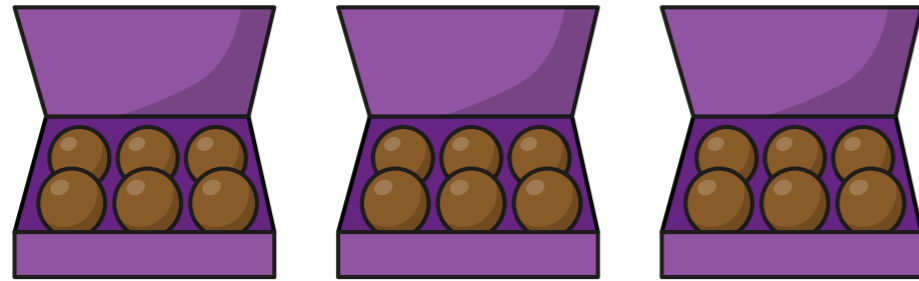
What do you notice about your drawings?



# Add equal groups

1 Complete the sentences.

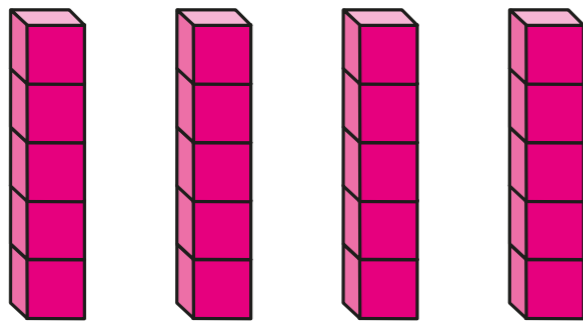
a)



There are  equal groups with   
in each group.

$$\square + \square + \square = 18$$

b)

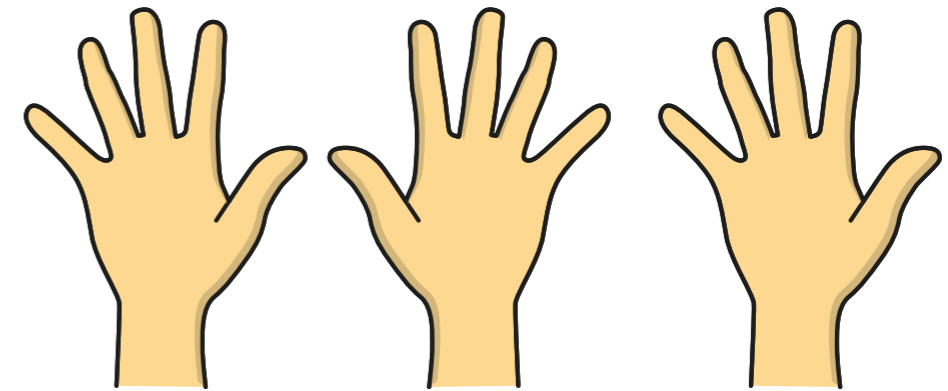


There are  equal groups with   
in each group.

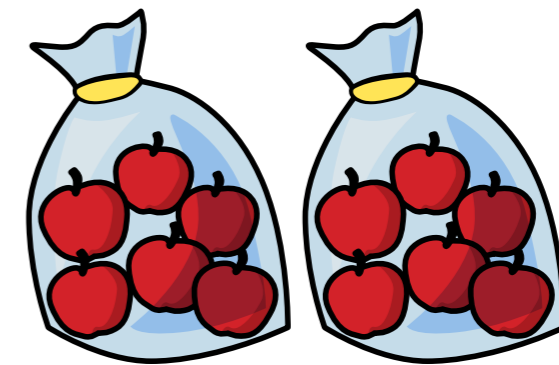
$$\square + \square + \square + \square = 20$$

2 Write a number sentence to match the picture.

a)



b)



3 Rosie has 20p.

How many 10p coins could she have?

How many 5p coins could she have?

How many 2p coins could she have?





4 Draw a picture to represent the number sentence.

a)  $8 + 8 = 16$

b)  $2 + 2 + 2 = 6$

5 Dexter has five of the same coins.  
How much money does Dexter have if these are the coins?

a) Dexter has five 1p coins.

b) Dexter has five 2p coins.

c) Dexter has five 5p coins.

d) Dexter has five 10p coins

6 Complete the sentences.

a)  $3 + 3 + 3 + 3 = 12$

There are  equal groups with   
in each group.

b)  $2 + 2 + 2 + 2 + 2 + 2 + 2 = 14$

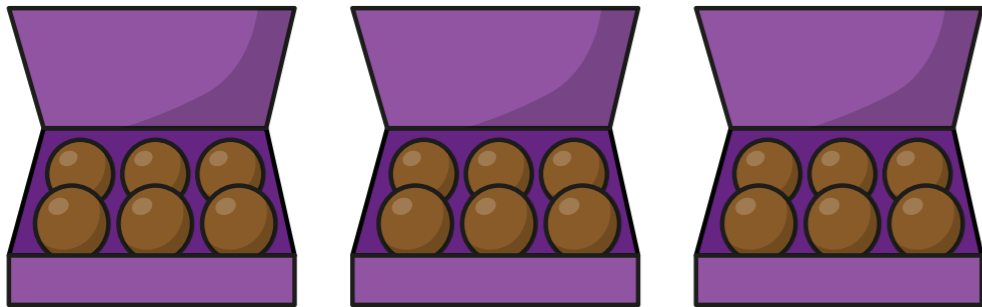
There are  equal groups with   
in each group.



# Multiplication sentences using the $\times$ symbol

1 Complete the sentences.

a)

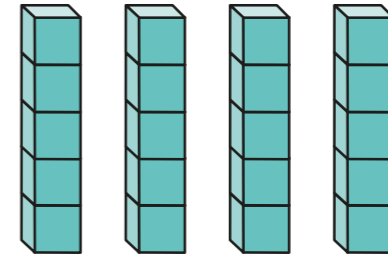


There are  equal groups with   
in each group.

$$\square + \square + \square = 18$$

$$\square \times \square = 18$$

b)



There are  equal groups with   
in each group.

$$\square + \square + \square + \square = 20$$

$$\square \times \square = 20$$

c)



There are  equal groups with   
in each group.

$$\square + \square = 8$$

$$\square \times \square = 8$$

2 Complete the table.

The first one has been done for you.

Addition	Multiplication
$2 + 2 + 2 + 2$	$4 \times 2$
$5 + 5 + 5$	
$3 + 3 + 3 + 3 + 3$	
	$2 \times 10$

3 Complete the pattern.

$$5 \times 2 = 5 + 5 = \square$$

$$5 \times 3 = 5 + 5 + 5 = \square$$

$$5 \times 4 = 5 + 5 + 5 + 5 = \square$$

$$5 \times 5 = \underline{\hspace{2cm}} = \square$$

What comes next?

4 The total is 16

What could the addition and multiplication be?

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5 Use counters to help you complete the number sentences.

a)  $3 \times \square = 12$

b)  $\square \times 4 = 8$

c)  $2 \times \square = 10$



# Multiplication sentences from pictures

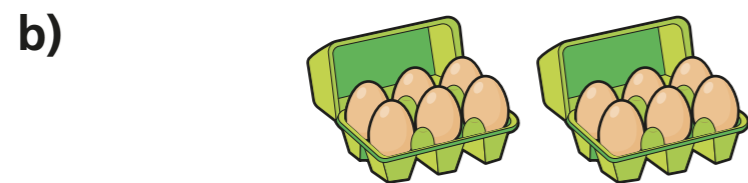
1 Complete the sentences to match the picture.



lots of 3 =

multiplied by 3 =

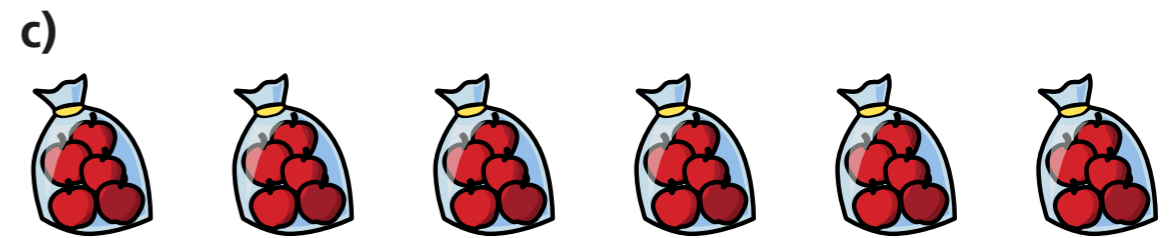
× 3 =



lots of 6 =

multiplied by 6 =

× 6 =



lots of  =

multiplied by  =

×  =



lots of  =

multiplied by  =

×  =

2 Draw a picture for each sentence.

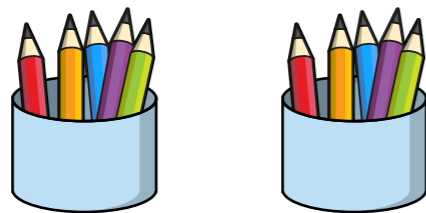
a) 4 lots of 5

b) 2 multiplied by 4

c)  $3 \times 5$

3 Complete the sentences for each picture.

a)



$$\square \text{ lots of } \square = \square$$

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



$$\square \text{ lots of } \square = \square$$

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

What is the same about the number sentences?  
What is different?

4 a) The answer is 12  
What could the multiplication be?

---

Compare answers with a partner.

b) Now the answer is 15  
What could the multiplication be?

---

Can you write more or fewer multiplications for 15?

