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This shows us what page to turn to.



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The first page of a lesson is a maths problem. Don't look at the next page until you have had a go! The third and fourth pages give you practice, so you can check your understanding.



Multiplication sentences

Discover

Coins collected

3		2p
6		5p
4		10p
7		£1
2		£2

Cake sale today

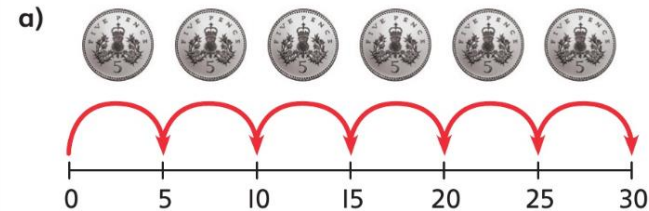
- 1 a) How much has been collected in 5p coins?
 b) Danny writes 3×2 .
 What row of the table does this calculation represent?
 What do the 3 and the 2 represent?

Share



I will look at the table to find the right information.





I will start by adding together the right number of 5s.



$$5 + 5 + 5 + 5 + 5 + 5 = 30$$

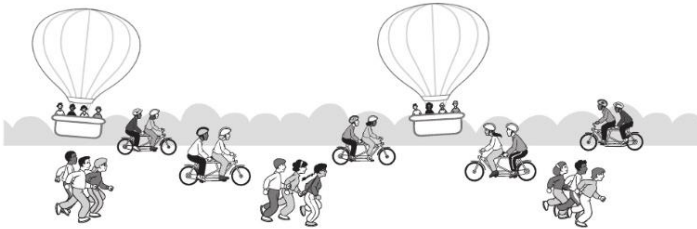
$$6 \times 5 = 30$$


30p has been collected.

- b) There are 2 kinds of coin with a 2:  and .
 3×2 means 3 groups of 2. The first row of the table represents 3×2 , because there are 3 .
 The 3 is the number of coins. The 2 represents the .

Multiplication sentences

1




a) How many people are on  in total?

There are 5 groups of people on  .

$$5 \times \text{} = \text{}$$

There are people on  in total.

b) How many people are in  in total?

There are groups of people in  .

$$\text{} \times \text{} = \text{}$$

There are people in  in total.

c) How many people are running?

2

Price list	
Small loaf	£2
Roll	£1
Large loaf	£3
Cake	£5

Match each multiplication to its story.

5×3

Cost of 6 rolls

2×5

Cost of 3 cakes

6×1

Cost of 5 large loaves

$5 + 5 + 5$

Cost of 1 cake

1×5

Cost of 2 cakes



3

Draw your own picture story for 2×4 .

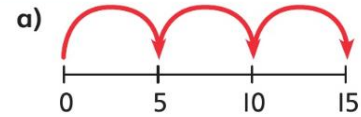
Using arrays

Discover



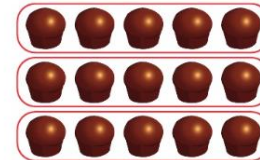
- 1** a) How many  did Ali bake in total?
How did you work out the answer?
- b) How many  did Ed bake in total?
Did he bake more than Ali?

Share



$$5 + 5 + 5 = 15$$

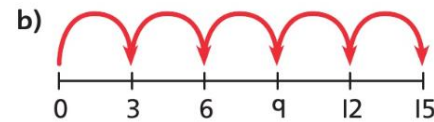
$$3 \times 5 = 15$$



I know that
3 rows of 5
means 3×5 .



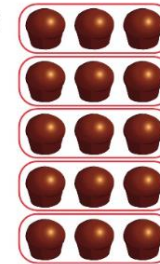
Ali baked 15  in total.



$$3 + 3 + 3 + 3 + 3 = 15$$

$$5 \times 3 = 15$$


$$3 \times 5 = 15$$



I think 3×5
gives the same
answer as 5×3 .



Ed baked 15  in total.

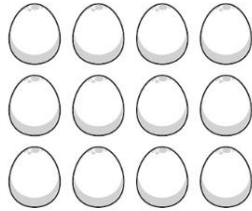
Ed and Ali baked the same number of .

Using arrays

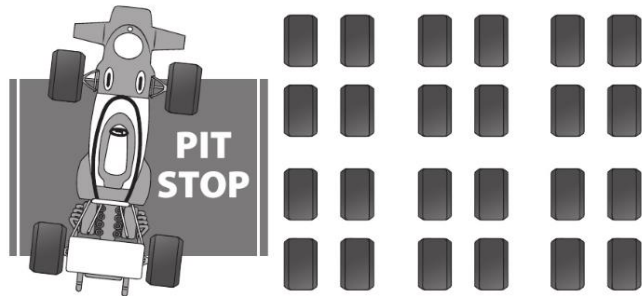
1 a) How many eggs are there?

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

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



b) How many tyres are there in the array?



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

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

There are tyres in the array.

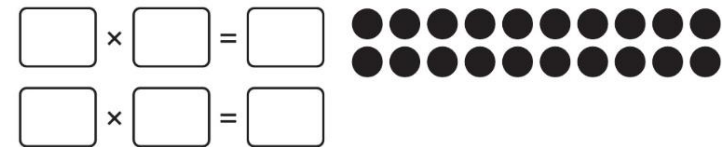
2 a) Write an addition and a multiplication for this array.



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

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

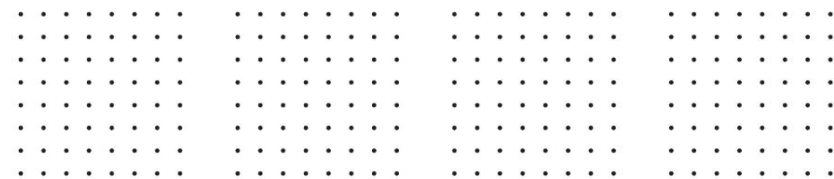
b) Write two multiplications for this array.



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

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

3 Show these multiplications on the grids in two ways.



2×7

5×4



4×5

1×4

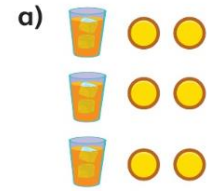
2 times-table

Discover

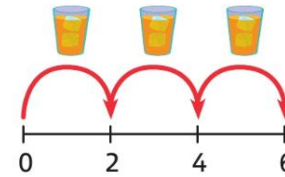


- 1 a) How many ice cubes are needed for 3  ?
- b) How many ice cubes are needed for 8  ?

Share



$$2 + 2 + 2 = 6$$



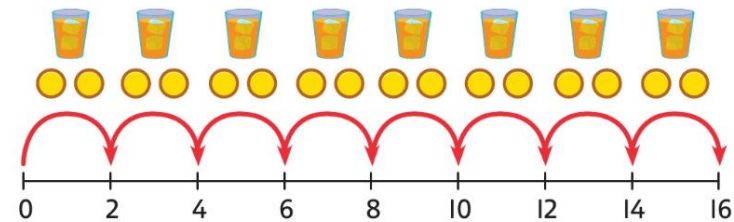
$$3 \times 2 = 6$$

I used counters to represent the ice cubes and counted one by one.

I counted in twos.



b) $2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16$

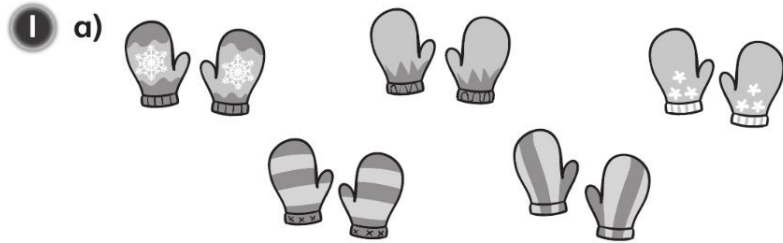


$$8 \times 2 = 16$$

I used a number line to help me work out the answer.



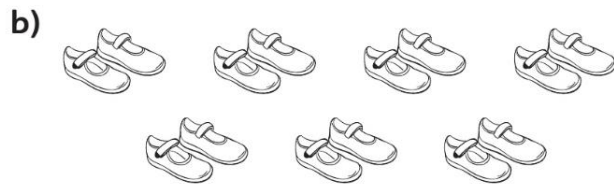
2 times-table



How many  are there in total?

$$\square \times 2 = \square$$

There are .



How many  are there?

$$\square \circ \square = \square$$

There are .



$$3 \times 2 = \square$$

b) 2 more people arrive.

$$\square \times 2 = \square$$

Now there are people.

3 Match the multiplication to the correct circle.

3×2

7×2

10×2

9×2

0×2

5×2

<10

>10

I think one of them can't match. I wonder why.





5 times-table

Discover




Each player needs a bottle of water.

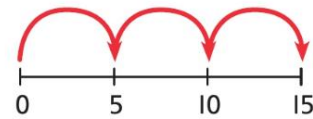
I The coach needs to give each child 1 .

a) How many  does the coach need?

b) A new team of 5 children arrives.

How many  does the coach need now?

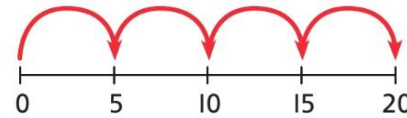
Share



$$5 + 5 + 5 = 15$$

$$3 \times 5 = 15$$

15 bottles of water are needed.



$$5 + 5 + 5 + 5 = 20$$

$$4 \times 5 = 20$$

20 bottles of water are needed.

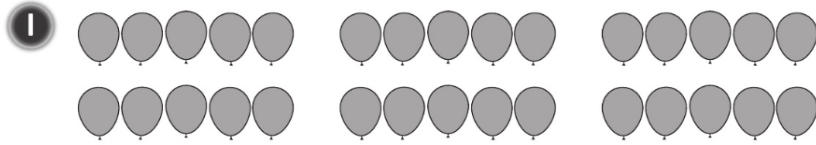
I will count the players one by one.



I think it will be quicker to count in fives.



5 times-table



How many  are there?

$$\square \times 5 = \square$$





How many  can you see?

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

3 Complete the number sentence.

?								
5	5	5	5	5	5	5	5	5

$$\square \circ \square = \square$$

4 Each  has five flowers.
How many flowers in five  ?

$$\square \circ \square \circ \square$$



5 Complete the number sentences.

a) $\square = 2 \times 5$


d) $5 \times 7 = \square$

b) $5 \times 5 = \square$

e) $\square = 0 \times 5$

c) $6 \times 5 = \square$

f) $5 \times 11 = \square$

6 $19 \times 5 = 95$. 

What is 20×5 ?

How do you know?
