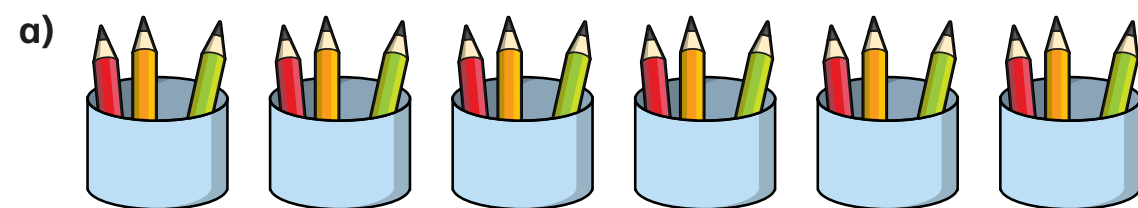


# Multiply by 3

1 Complete the sentences.

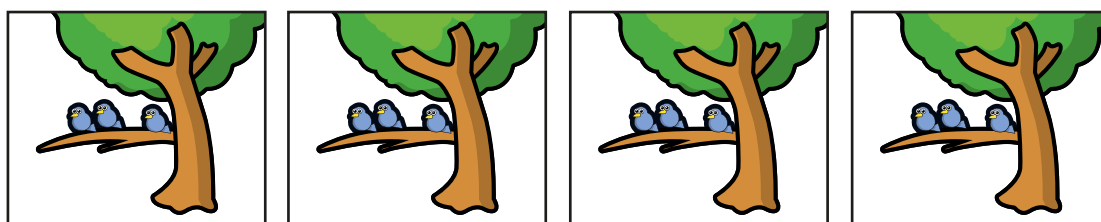


There are  equal groups of

$$\boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} = \boxed{18}$$

$$\boxed{6} \times \boxed{3} = \boxed{18}$$

b)

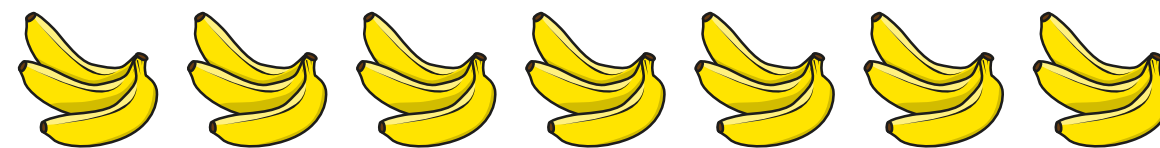


There are  equal groups of

$$\boxed{12} = \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3}$$

$$\boxed{12} = \boxed{4} \times \boxed{3}$$

c)



There are  equal groups of

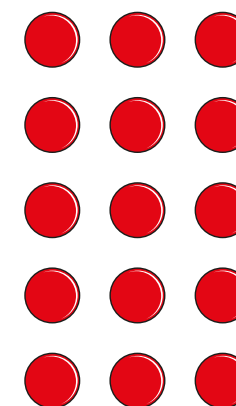
$$\boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} + \boxed{3} = \boxed{21}$$

$$\boxed{7} \times \boxed{3} = \boxed{21}$$

Could you write the number sentences in a different way?

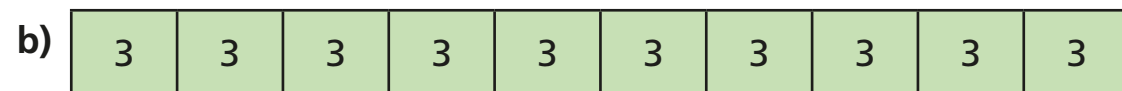
2 Write two multiplication sentences for each part of the question.

a)



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

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



$$10 \times 3 = 30$$

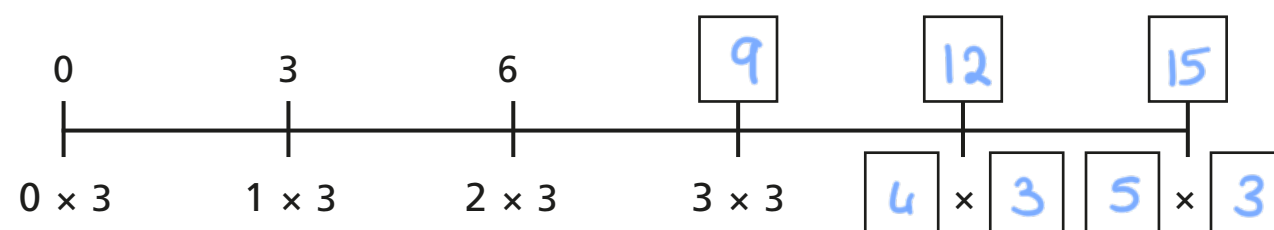
$$3 \times 10 = 30$$

3 Complete the diagram.

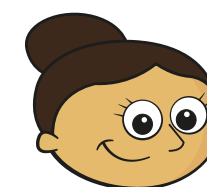
|                                                                                   |                  |
|-----------------------------------------------------------------------------------|------------------|
| <p>Number story</p> <p>E.g. There are 6 plates with 3 cupcakes on each plate.</p> | <p>Bar model</p> |
| <p>Addition sentence</p> <p><math>3 + 3 + 3 + 3 + 3 + 3 = 18</math></p>           | <p>Draw it</p>   |

$6 \times 3 = 18$

4 Complete the number line.



5



6 lots of 3  
is 6 more than  
5 lots of 3

Do you agree with Dora? NO

Explain why.

$$6 \times 3 = 3 + 3 + 3 + 3 + 3 + 3$$

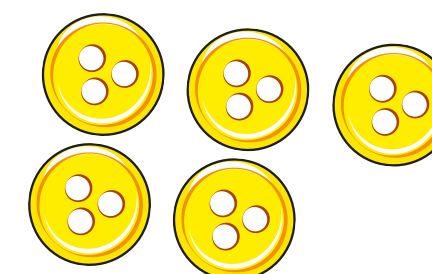
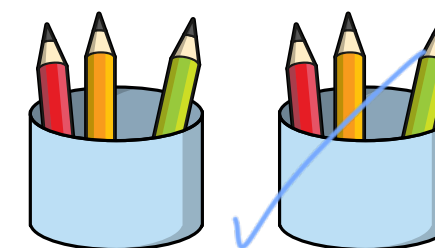
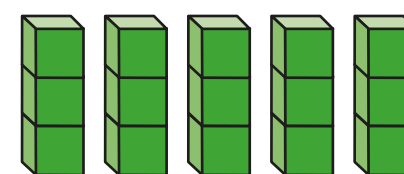
$$5 \times 3 = 3 + 3 + 3 + 3 + 3 \text{ so its 3 more.}$$

6

Which is the odd one out?

Tick your answer.

E.g.



Explain your answer.

It shows  $2 \times 3$ , the others show  $5 \times 3$  or  $3 \times 5$

Is there more than one answer?