

We are learning to multiply and divide by 3

**Think about it-**

What does the word product mean?

True or False ?

Multiply by 4.

$$3 \times 2 + 3 \times 2 = 3 \times 4$$

**Watch it -**

Important Start from week 3 lesson 4

Lesson 4 – Multiplying and dividing by 3

<https://whiterosemaths.com/homelearning/year-3/>

**Practise it-**

1.

Complete the multiplications.

a)



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

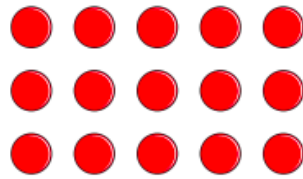
b)



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

2.

Dani makes an array using counters.



Write two multiplication and two division facts represented by the array.

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

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

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

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

3.

Complete the number sentences.

a)  $6 \times 3 = \square$

d)  $\square \div 3 = 5$

b)  $3 \times \square = 27$

e)  $12 \times 3 = \square$

c)  $\square \div 11 = 3$

f)  $\square \times 3 = 0$

Do it!-

1.

Write  $<$ ,  $>$  or  $=$  to compare the statements.

a)  $33 \div 11 \bigcirc 3$

d)  $6 \times 3 \bigcirc 6 \div 3$

b)  $27 \bigcirc 30 \div 3$

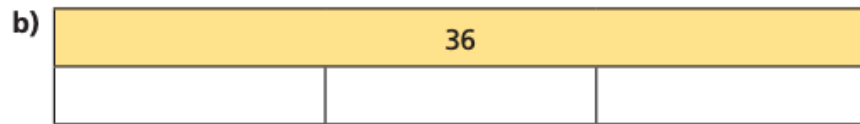
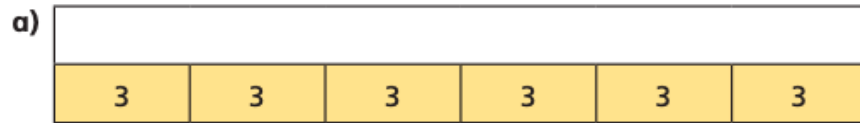
e)  $3 \times 6 \bigcirc 18 \div 3$

c)  $9 \div 3 \bigcirc 3 \times 6$

f)  $0 \times 3 \bigcirc 3 \div 3$

2.

Work out the missing values in each bar model.



Challenge-

1.

a) Complete the multiplications.

Are the answers odd or even? Tick your answer.

	odd	even
$1 \times 3 = 3$	<input type="checkbox"/>	<input type="checkbox"/>
$2 \times 3 = \square$	<input type="checkbox"/>	<input type="checkbox"/>
$3 \times 3 = \square$	<input type="checkbox"/>	<input type="checkbox"/>
$\square \times 3 = 12$	<input type="checkbox"/>	<input type="checkbox"/>

2.

Use the fact that  $12 \times 3 = 36$  to work out the calculations.

$$13 \times 3 = \square$$

$$3 \times 15 = \square$$

$$14 \times 3 = \square$$

$$24 \times 3 = \square$$

How did you work this out?