

The 3 times-table

I Complete the multiplications.

a)



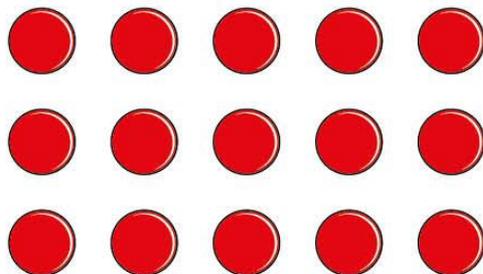
$$\square \times \square = \square$$

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) $\square \times 3 = 0$

4 Complete the number sentences.

a) $2 \times 3 =$

$4 \times 3 =$

$8 \times 3 =$

b) $6 = 3 \times$

$12 = 3 \times$

$18 = 3 \times$

What patterns do you notice?



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

a) $33 \div 11$ 3

d) 6×3 $6 \div 3$

b) 27 $30 \div 3$

e) 3×6 $18 \div 3$

c) $9 \div 3$ 3×6

f) 0×3 $3 \div 3$

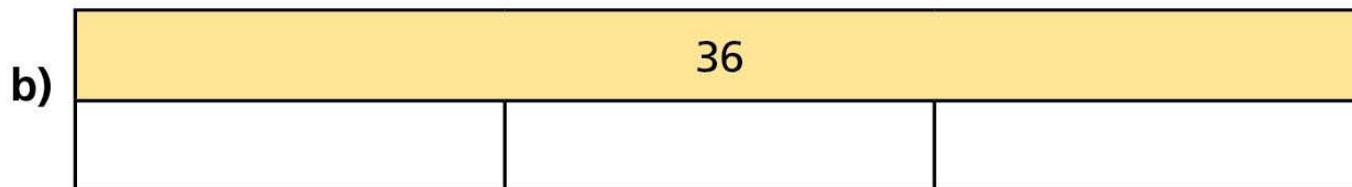
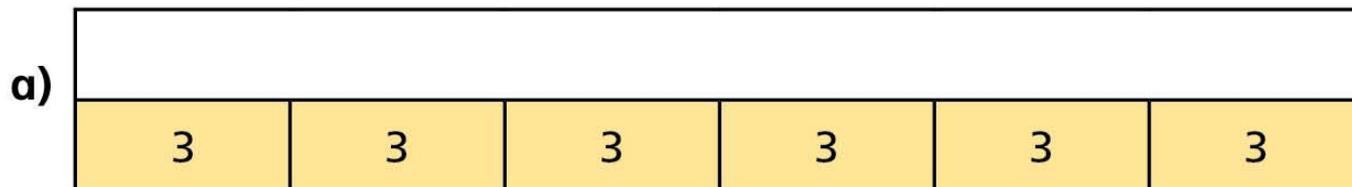
6 Colour all the numbers in the 3 times-table.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

What two patterns do you notice?



7 Work out the missing values in each bar model.



8

Mo has 7 packets of 3 stickers.

Eva has 3 packets of 9 stickers.

Who has the greatest number of stickers? _____

9 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"/>

9

b) What would the next multiplication be?

$$\square \times 3 = \square$$

c) What do you notice about the products?

d) Will the product of 11×3 be odd or even? _____



10

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?

Did you find the answers in the same way as your partner?

