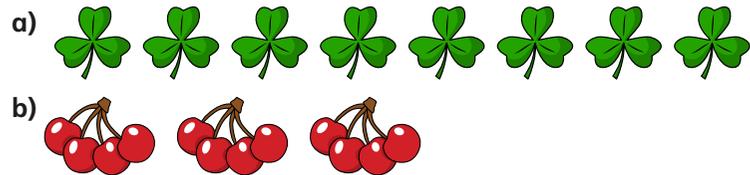
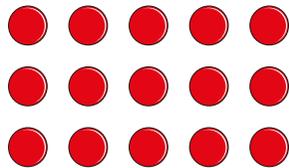


1 What multiplications are represented?



2 Dani makes an array using counters.



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

3 Complete the number sentences.

a)  $6 \times 3 = \square$       c)  $\square \div 11 = 3$       e)  $12 \times 3 = \square$   
 b)  $3 \times \square = 27$       d)  $\square \div 3 = 5$       f)  $\square \times 3 = 0$

4 Complete the number sentences.

a)  $2 \times 3 = \square$                       b)  $6 = 3 \times \square$   
 $4 \times 3 = \square$                        $12 = 3 \times \square$   
 $8 \times 3 = \square$                        $18 = 3 \times \square$

What patterns do you notice?

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

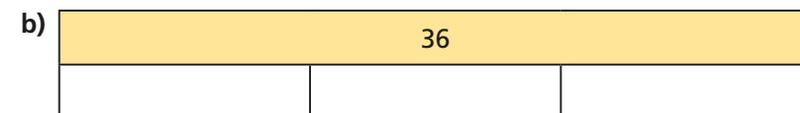
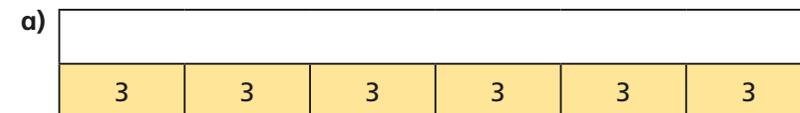
a)  $33 \div 11 \bigcirc 3$       c)  $9 \div 3 \bigcirc 3 \times 6$       e)  $3 \times 6 \bigcirc 18 \div 3$   
 b)  $27 \bigcirc 30 \div 3$       d)  $6 \times 3 \bigcirc 6 \div 3$       f)  $0 \times 3 \bigcirc 3 \div 3$

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.



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

a)  $33 \div 11$    $3$     c)  $9 \div 3$    $3 \times 6$     e)  $3 \times 6$    $18 \div 3$

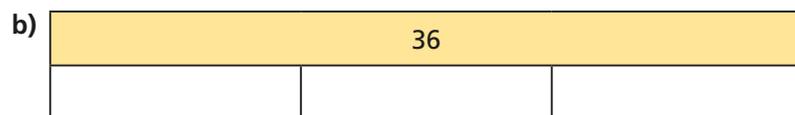
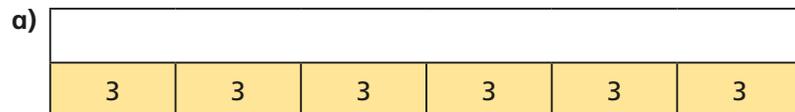
b)  $27$    $30 \div 3$     d)  $6 \times 3$    $6 \div 3$     f)  $0 \times 3$    $3 \div 3$

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?

$1 \times 3 = 3$

$2 \times 3 =$

$3 \times 3 =$

$\times 3 = 12$

b) What would the next multiplication be?

c) What do you notice about the products?

d) Will the product of  $11 \times 3$  be odd or even?

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

$13 \times 3$

$3 \times 15$

$14 \times 3$

$24 \times 3$

How did you work this out?

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

