

6 times-table and division facts

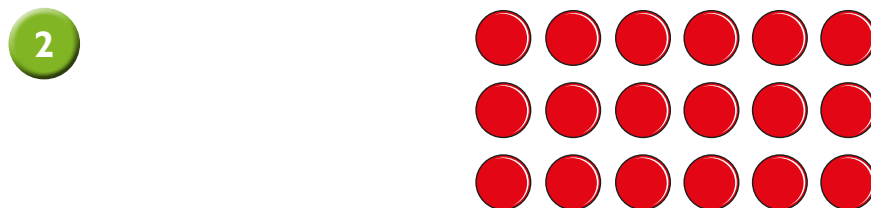
1 Write the multiplication fact to work out how many there are in total.



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



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



Complete the facts represented by the array.

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

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

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

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

3 Fill in the gaps.

3 times-table

$$0 \times 3 = \square$$

$$1 \times 3 = 3$$

$$2 \times 3 = 6$$

$$3 \times 3 = 9$$

$$4 \times 3 = \square$$

$$5 \times 3 = \square$$

$$6 \times 3 = 18$$

6 times-table

$$0 \times 6 = \square$$

$$1 \times 6 = \square$$

$$2 \times 6 = 12$$

$$3 \times 6 = \square$$

$$4 \times 6 = 24$$

$$5 \times 6 = \square$$

$$6 \times 6 = \square$$

What patterns can you see?

Talk about it with a partner.

4 Complete the number tracks.

30	36				60	66	
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36	30	24				
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5 Complete the calculations.

a) $3 \times 6 = \square$

g) $6 \times 6 = \square$

b) $2 \times \square = 12$

h) $\square \div 6 = 7$

c) $6 \times 4 = \square$

i) $6 \times \square = 48$

d) $\square \div 6 = 1$

j) $\square \div 6 = 11$

e) $11 \times 6 = \square$

k) $10 \times 6 = \square$

f) $\square \times 6 = 30$

l) $\square \times 3 = 30$

6 Colour the multiples of 6

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
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80

Use the grid to complete the calculations.

$72 \div 6 = \square$

$78 \div 6 = \square$



7 Sort the number cards into the diagram.

18	15	36	16	20	6	72	63
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	Multiples of 6	Not multiples of 6
Even numbers		
Odd numbers		

Are any of the boxes empty?

Compare answers with a partner.

8 Jack is thinking of two whole numbers.

The sum of the numbers is 13

The difference between the numbers is 1

What is the product of the numbers?

The product of the numbers is $\square$

