6 times-table and division facts

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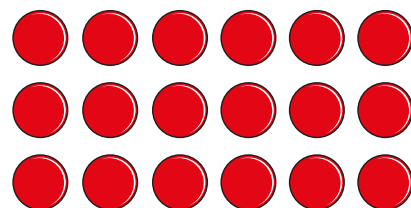
a)

$\boxed{} \times \boxed{} = \boxed{}$

b)

$\boxed{} \times \boxed{} = \boxed{}$

2

Complete the facts represented by the array.

$\boxed{} \times \boxed{} = \boxed{}$

$\boxed{} \times \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

$\boxed{} \div \boxed{} = \boxed{}$

3 Fill in the gaps.

3 times-table

$0 \times 3 = \boxed{}$

$1 \times 3 = 3$

$2 \times 3 = 6$

$3 \times 3 = 9$

$4 \times 3 = \boxed{}$

$5 \times 3 = \boxed{}$

$6 \times 3 = 18$

6 times-table

$0 \times 6 = \boxed{}$

$1 \times 6 = \boxed{}$

$2 \times 6 = 12$

$3 \times 6 = \boxed{}$

$4 \times 6 = 24$

$5 \times 6 = \boxed{}$

$6 \times 6 = \boxed{}$

What patterns can you see?

Talk about it with a partner.

4 Complete the number tracks.

30	36				60	66	

36	30	24				

5 Complete the calculations.

a) $3 \times 6 = \boxed{}$

g) $6 \times 6 = \boxed{}$

b) $2 \times \boxed{} = 12$

h) $\boxed{} \div 6 = 7$

c) $6 \times 4 = \boxed{}$

i) $6 \times \boxed{} = 48$

d) $\boxed{} \div 6 = 1$

j) $\boxed{} \div 6 = 11$

e) $11 \times 6 = \boxed{}$

k) $10 \times 6 = \boxed{}$

f) $\boxed{} \times 6 = 30$

l) $\boxed{} \times 3 = 30$

6 Shade the multiples of 6 on the grid.

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.

$72 \div 6 = \boxed{}$ $78 \div 6 = \boxed{}$

7 Sort the number cards into the table.

18	15	36	16	20	6	72	63

	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?

$\boxed{}$