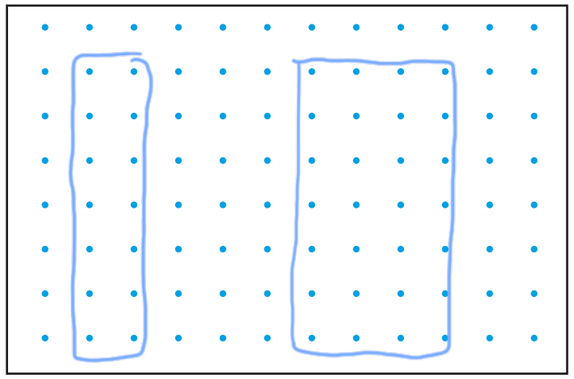
7 times-table and division facts

1 **a)** Draw boxes around the dots to represent the multiplications.



2 × 7 **4 × 7**

b) Use your answers to complete these fact families.

2 × 7 = 14

7 × 2 = 14

14 ÷ 2 = 7

14 ÷ 7 = 2

4 × 7 = 28

7 × 4 = 28

28 ÷ 4 = 7

28 ÷ 7 = 4

2 Complete the calculations.

a) 3 × 7 = 21

b) 6 × 7 = 42

c) 7 × 10 = 70

d) 7 × 9 = 63

e) 77 = 7 × 11

f) 7 × 5 = 35

3 Here is a 100 square.

a) Colour all the numbers that are in the 7 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
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
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

b) Use the 100 square to work out the calculations.

11 × 7 = 77

7 × 13 = 91

84 ÷ 7 = 12

14 × 7 = 98

c) What patterns do you notice?

Talk about them with a partner.

4 Complete the calculations.

a) 84 ÷ 7 = 12

b) 49 ÷ 7 = 7

c) 28 ÷ 7 = 4

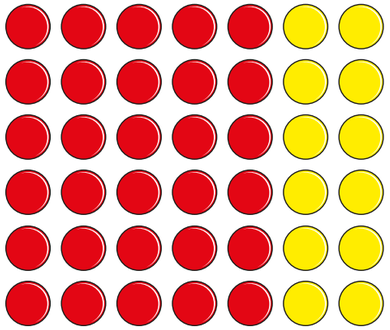
d) 70 ÷ 7 = 10

5 Complete the number tracks.

70	63	56	49	42	35	28

0	7	14	21	28	35	42

6 Here is an array made from double-sided counters.

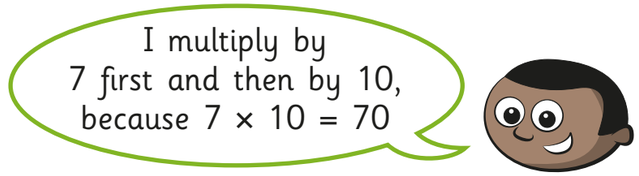


a) Complete the table.

1 × 5 = 5	1 × 2 = 2	1 × 7 = 7
2 × 5 = 10	2 × 2 = 4	2 × 7 = 14
3 × 5 = 15	3 × 2 = 6	3 × 7 = 21
4 × 5 = 20	4 × 2 = 8	4 × 7 = 28
5 × 5 = 25	5 × 2 = 10	5 × 7 = 35

c) How can you use the 5 times-table and the 2 times-table to work out multiples of 7?

7 Mo is multiplying a number by 70



a) Use Mo's method to multiply 5 by 70

350

b) Complete the calculation.

12 × 70 = 840

c) Complete the calculation.

3 × 700 = 2,100

How did you work this out?

Compare methods with a partner.

8 Complete the multiplications.

a) 4 × 70 = 280

4 × 700 = 2,800

b) 6 × 30 = 180

300 × 6 = 1,800

c) 5 × 90 = 450

9 × 500 = 4,500