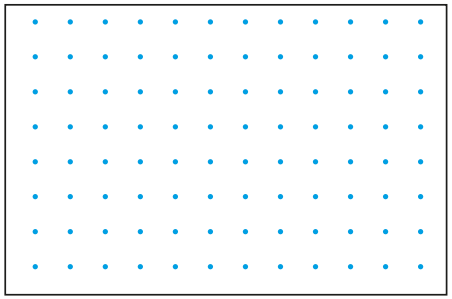
7 times-table and division facts

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 = ☐

7 × 2 = ☐

☐ ÷ 2 = 7

☐ ÷ 7 = 2

4 × 7 = ☐

7 × ☐ = ☐

☐ ÷ ☐ = 7

☐ ÷ ☐ = ☐

2 Complete the calculations.

a) 3 × 7 = ☐

b) 6 × 7 = ☐

c) 7 × 10 = ☐

d) 7 × ☐ = 63

e) ☐ = 7 × 11

f) 7 × ☐ = 35

3 Use a hundred square.

a) Shade all the numbers that are in the 7 times-table.

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

11 × 7 7 × 13 84 ÷ 7 14 × 7

c) What patterns do you notice?

Talk about them with a partner.

4 Complete the calculations.

a) ☐ ÷ 7 = 12

b) ☐ ÷ 7 = 7

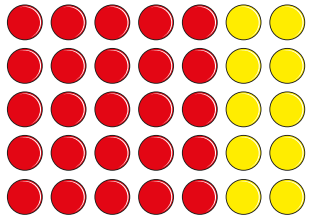
c) ☐ ÷ 7 = 4

d) ☐ ÷ 7 = 10

5 Complete the number tracks.

70	63	56			35	
	7	14		28		

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



a) Complete the table.

1 × 5 =	1 × 2 =	1 × 7 =
2 × 5 =	2 × 2 =	2 × 7 =
3 × 5 =	3 × 2 =	3 × 7 =
4 × 5 =	4 × 2 =	4 × 7 =
5 × 5 =	5 × 2 =	5 × 7 =

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

4 Complete the calculations.

a) ☐ ÷ 7 = 12

b) ☐ ÷ 7 = 7

c) ☐ ÷ 7 = 4

d) ☐ ÷ 7 = 10

5 Complete the number tracks.

70	63	56			35	
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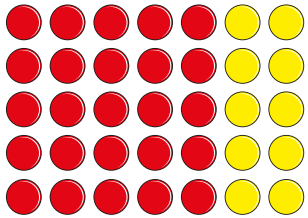

a) Complete the table.

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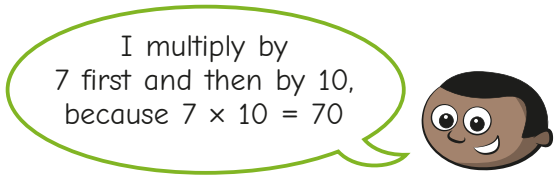
2 × 5 =	2 × 2 =	2 × 7 =
3 × 5 =	3 × 2 =	3 × 7 =
4 × 5 =	4 × 2 =	4 × 7 =
5 × 5 =	5 × 2 =	5 × 7 =

b) 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

b) Complete the calculation.

☐ × 70 = 840

c) Complete the calculation.

3 × 700 = ☐

How did you work this out?

Compare methods with a partner.

8 Work out the calculations.

a) 4 × 70

4 × 700

b) 6 × 70

700 × 6

c) 5 × 70

7 × 500

d) 56 ÷ 7

560 ÷ 7