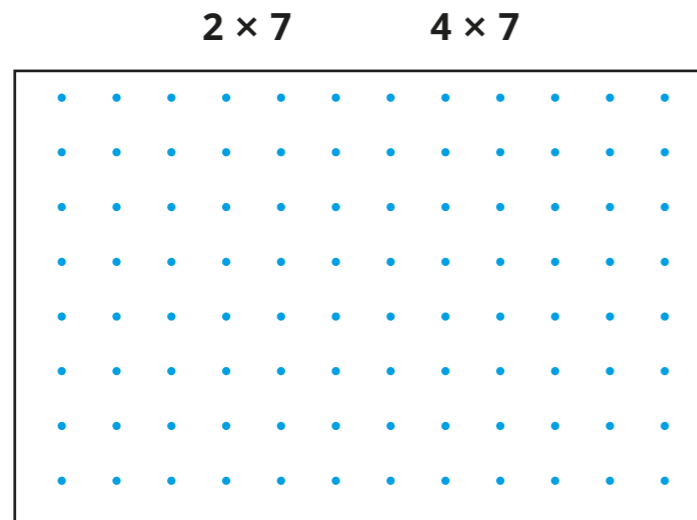


# 7 times-table and division facts

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



- b) Use your answers to complete these fact families.

$2 \times 7 = \square$

$4 \times 7 = \square$

$7 \times 2 = \square$

$7 \times \square = \square$

$\square \div 2 = 7$

$\square \div \square = 7$

$\square \div 7 = 2$

$\square \div \square = \square$

- 2 Complete the calculations.

a)  $3 \times 7 = \square$

d)  $7 \times \square = 63$

b)  $6 \times 7 = \square$

e)  $\square = 7 \times 11$

c)  $7 \times 10 = \square$

f)  $7 \times \square = 35$

- 3 Here is a hundred square.

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

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

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

$11 \times 7 = \square$

$7 \times 13 = \square$

$84 \div 7 = \square$

$14 \times 7 = \square$

- c) What patterns do you notice?

Talk about them with a partner.

4 Complete the calculations.

a)  $\square \div 7 = 12$

c)  $\square \div 7 = 4$

b)  $\square \div 7 = 7$

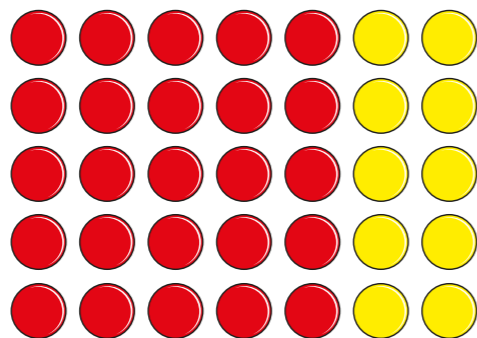
d)  $\square \div 7 = 10$

5 Complete the number tracks.

70	63	56			35	
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	7	14		28		
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6 Here is an array made from double-sided counters.



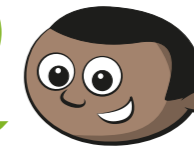
a) Complete the table.

$1 \times 5 =$	$1 \times 2 =$	$1 \times 7 =$
$2 \times 5 =$	$2 \times 2 =$	$2 \times 7 =$
$3 \times 5 =$	$3 \times 2 =$	$3 \times 7 =$
$4 \times 5 =$	$4 \times 2 =$	$4 \times 7 =$
$5 \times 5 =$	$5 \times 2 =$	$5 \times 7 =$

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

I multiply by 7 first and then by 10, because  $7 \times 10 = 70$



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

b) Complete the calculation.

$\square \times 70 = 840$

c) Complete the calculation.

$3 \times 700 = \square$

How did you work this out?

Compare methods with a partner.

8 Complete the calculations.

a)  $4 \times 70 = \square$

c)  $5 \times 70 = \square$

$4 \times 700 = \square$

$7 \times 500 = \square$

b)  $6 \times 70 = \square$

d)  $56 \div 7 = \square$

$700 \times 6 = \square$

$560 \div 7 = \square$