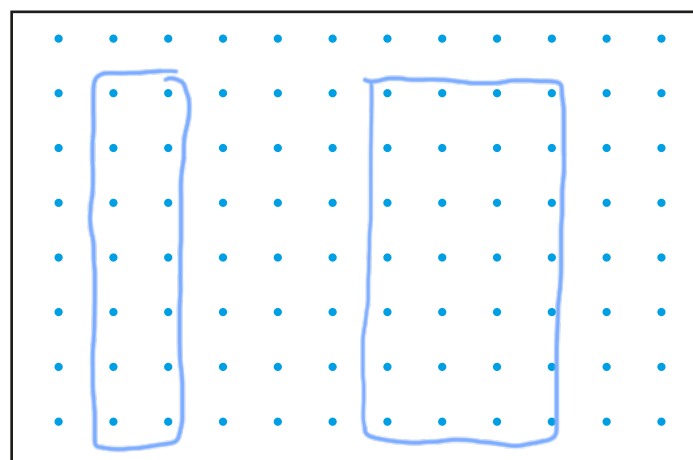


7 times-table and division facts

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



2×7

4×7

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

$$2 \times 7 = 14$$

$$4 \times 7 = 28$$

$$7 \times 2 = 14$$

$$7 \times 4 = 28$$

$$14 \div 2 = 7$$

$$28 \div 4 = 7$$

$$14 \div 7 = 2$$

$$28 \div 7 = 4$$

- 2 Complete the calculations.

a) $3 \times 7 = 21$

d) $7 \times 9 = 63$

b) $6 \times 7 = 42$

e) $77 = 7 \times 11$

c) $7 \times 10 = 70$

f) $7 \times 5 = 35$

- 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.

$$11 \times 7 = 77$$

$$84 \div 7 = 12$$

$$7 \times 13 = 91$$

$$14 \times 7 = 98$$

- c) What patterns do you notice?

Talk about them with a partner.

4 Complete the calculations.

a) $\boxed{84} \div 7 = 12$

c) $\boxed{28} \div 7 = 4$

b) $\boxed{49} \div 7 = 7$

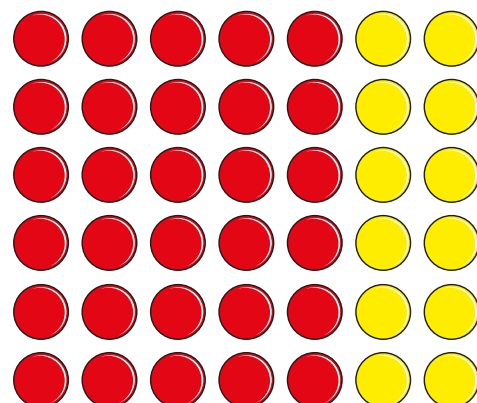
d) $\boxed{70} \div 7 = 10$

5 Complete the number tracks.

70	63	56	49	42	35	28
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0	7	14	21	28	35	42
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6 Here is an array made from double-sided counters.



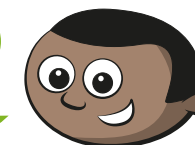
a) Complete the table.

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

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

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



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

$\boxed{350}$

b) Complete the calculation.

$\boxed{12} \times 70 = 840$

c) Complete the calculation.

$3 \times 700 = \boxed{2,100}$

How did you work this out?

Compare methods with a partner.

8 Complete the multiplications.

a) $4 \times 70 = \boxed{280}$

c) $5 \times 90 = \boxed{450}$

$4 \times 700 = \boxed{2,800}$

$9 \times 500 = \boxed{4,500}$

b) $6 \times 30 = \boxed{180}$

$300 \times 6 = \boxed{1,800}$