

Year 3 - 25.6.20

Choose a Challenge!

1

If

$$\triangle \times \triangle = 25$$

and

$$\bigcirc \times \bigcirc = 100$$

Work out the value of

$$\triangle \times \bigcirc$$

2

A sequence is made up of three 2-digit numbers.

The sequence increases by eight each time. These are the digits that make up the three numbers.

0 2 3 4 4 5

Work out the numbers in the sequence.

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Challenge Solutions

1

If

$$\triangle \times \triangle = 25$$

and

$$\bigcirc \times \bigcirc = 100$$

Work out the value of

$$\triangle \times \bigcirc$$

5 10

Use your times tables knowledge to work out what the values could be. Which numbers do you need to multiply to reach these totals?

Can you write your own question for a friend to solve?

2

A sequence is made up of three 2-digit numbers.

The sequence increases by eight each time. These are the digits that make up the three numbers.



Work out the numbers in the sequence.

1. Work systematically. Write down all the 2 digit numbers you can make from smallest to largest.
2. Now look for numbers with a difference of 8. They may not always be multiples!

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Times Tables Challenge 1

1	6×0		31	10×2	
2	4×2		32	5×11	
3	0×9		33	2×8	
4	7×5		34	5×5	
5	10×4		35	2×12	
6	6×2		36	6×5	
7	3×10		37	10×8	
8	2×6		38	8×0	
9	8×5		39	6×2	
10	1×12		40	2×9	
11	11×10		41	5×9	
12	6×5		42	1×10	
13	5×7		43	5×7	
14	11×2		44	2×12	
15	2×8		45	5×9	
16	9×2		46	5×2	
17	5×9		47	2×12	
18	10×10		48	10×7	
19	5×3		49	12×0	
20	5×8		50	10×9	
21	3×5		51	5×11	
22	5×4		52	2×11	
23	2×9		53	7×5	
24	6×5		54	5×0	
25	8×5		55	2×7	
26	7×5		56	6×2	
27	4×10		57	10×9	
28	4×2		58	11×5	
29	5×12		59	4×3	
30	2×7		60	3×11	

Times Tables Challenge 2

1	6×7		31	4×8	
2	4×2		32	9×9	
3	2×12		33	10×9	
4	6×6		34	5×11	
5	2×9		35	3×8	
6	6×8		36	5×2	
7	8×7		37	10×7	
8	1×12		38	12×0	
9	3×3		39	4×9	
10	6×2		40	0×9	
11	3×12		41	6×3	
12	7×7		42	3×7	
13	11×9		43	7×6	
14	2×7		44	4×3	
15	5×7		45	5×9	
16	5×8		46	2×11	
17	3×3		47	7×8	
18	11×11		48	6×5	
19	4×7		49	8×8	
20	6×4		50	3×11	
21	4×4		51	2×8	
22	6×12		52	4×11	
23	3×9		53	5×12	
24	11×8		54	6×11	
25	5×3		55	5×4	
26	7×9		56	8×9	
27	5×5		57	11×7	
28	4×12		58	5×0	
29	6×9		59	10×10	
30	10×8		60	8×0	

Times Tables Challenge 3

1	5×2		31	7×6	
2	3×12		32	4×4	
3	7×7		33	6×12	
4	$32 \div 4$		34	3×3	
5	6×6		35	$8 \div 2$	
6	$56 \div 7$		36	0×9	
7	1×12		37	6×8	
8	5×9		38	5×7	
9	11×11		39	$24 \div 12$	
10	$28 \div 7$		40	4×11	
11	6×3		41	5×12	
12	2×8		42	$21 \div 3$	
13	9×9		43	11×9	
14	6×9		44	10×10	
15	$80 \div 8$		45	$15 \div 3$	
16	$42 \div 6$		46	5×8	
17	$9 \div 3$		47	$63 \div 7$	
18	2×11		48	2×9	
19	10×7		49	6×5	
20	12×0		50	8×8	
21	4×9		51	6×2	
22	$66 \div 6$		52	$72 \div 9$	
23	5×4		53	11×7	
24	7×8		54	5×0	
25	4×3		55	2×7	
26	3×11		56	10×9	
27	8×0		57	5×11	
28	6×4		58	$24 \div 8$	
29	$27 \div 3$		59	5×5	
30	11×8		60	4×12	