

Crack the Code: Answers

1. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
2. 2, 4, 6, 8, **10, 12, 14, 16, 18, 20, 22, 24**
3. 3, 6, **9, 12, 15, 18, 21, 24, 27, 30, 33, 36**
4. **4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 48, 48**
5. 5, **10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60**
6. 6, 12, 18, **24, 30, 36, 42, 48, 54, 60, 66, 72**
7. 7, 14, **21, 28, 35, 42, 49, 56, 63, 70, 77, 84**
8. 8, **16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96**
9. **9, 18, 27, 36, 45, 54, 63, 72, 81, 90, 99, 108**
10. **10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120**
11. 11, 22, 33, **44, 55, 66, 77, 88, 99, 110, 121, 132**
12. **12, 24, 36, 48, 60, 72, 84, 96, 108, 120, 132, 144**

Multiplication Wheels: Answers

1	×	1	=	1
2	×	1	=	2
3	×	1	=	3
4	×	1	=	4
5	×	1	=	5
6	×	1	=	6
7	×	1	=	7
8	×	1	=	8
9	×	1	=	9
10	×	1	=	10
11	×	1	=	11
12	×	1	=	12

1	×	2	=	2
2	×	2	=	4
3	×	2	=	6
4	×	2	=	8
5	×	2	=	10
6	×	2	=	12
7	×	2	=	14
8	×	2	=	16
9	×	2	=	18
10	×	2	=	20
11	×	2	=	22
12	×	2	=	24

1	×	3	=	3
2	×	3	=	6
3	×	3	=	9
4	×	3	=	12
5	×	3	=	15
6	×	3	=	18
7	×	3	=	21
8	×	3	=	24
9	×	3	=	27
10	×	3	=	30
11	×	3	=	33
12	×	3	=	36

1	×	4	=	4
2	×	4	=	8
3	×	4	=	12
4	×	4	=	16
5	×	4	=	20
6	×	4	=	24
7	×	4	=	28
8	×	4	=	32
9	×	4	=	36
10	×	4	=	40
11	×	4	=	44
12	×	4	=	48

1	×	5	=	5
2	×	5	=	10
3	×	5	=	15
4	×	5	=	20
5	×	5	=	25
6	×	5	=	30
7	×	5	=	35
8	×	5	=	40
9	×	5	=	45
10	×	5	=	50
11	×	5	=	55
12	×	5	=	60

1	×	6	=	6
2	×	6	=	12
3	×	6	=	18
4	×	6	=	24
5	×	6	=	30
6	×	6	=	36
7	×	6	=	42
8	×	6	=	48
9	×	6	=	54
10	×	6	=	60
11	×	6	=	66
12	×	6	=	72

1	×	7	=	7
2	×	7	=	14
3	×	7	=	21
4	×	7	=	28
5	×	7	=	35
6	×	7	=	42
7	×	7	=	49
8	×	7	=	56
9	×	7	=	63
10	×	7	=	70
11	×	7	=	77
12	×	7	=	104

1	×	8	=	8
2	×	8	=	16
3	×	8	=	24
4	×	8	=	32
5	×	8	=	40
6	×	8	=	48
7	×	8	=	56
8	×	8	=	64
9	×	8	=	72
10	×	8	=	80
11	×	8	=	88
12	×	8	=	96

Multiplication Wheels: Answers

1	×	9	=	9
2	×	9	=	18
3	×	9	=	27
4	×	9	=	36
5	×	9	=	45
6	×	9	=	54
7	×	9	=	63
8	×	9	=	72
9	×	9	=	81
10	×	9	=	90
11	×	9	=	99
12	×	9	=	108

1	×	10	=	10
2	×	10	=	20
3	×	10	=	30
4	×	10	=	40
5	×	10	=	50
6	×	10	=	60
7	×	10	=	70
8	×	10	=	80
9	×	10	=	90
10	×	10	=	100
11	×	10	=	110
12	×	10	=	120

1	×	11	=	11
2	×	11	=	22
3	×	11	=	33
4	×	11	=	44
5	×	11	=	55
6	×	11	=	66
7	×	11	=	77
8	×	11	=	88
9	×	11	=	99
10	×	11	=	110
11	×	11	=	121
12	×	11	=	132

1	×	12	=	12
2	×	12	=	24
3	×	12	=	36
4	×	12	=	48
5	×	12	=	60
6	×	12	=	72
7	×	12	=	84
8	×	12	=	96
9	×	12	=	108
10	×	12	=	120
11	×	12	=	132
12	×	12	=	144

Division Wheels: Answers

1	÷	1	=	1
2	÷	1	=	2
3	÷	1	=	3
4	÷	1	=	4
5	÷	1	=	5
6	÷	1	=	6
7	÷	1	=	7
8	÷	1	=	8
9	÷	1	=	9
10	÷	1	=	10
11	÷	1	=	11
12	÷	1	=	12

2	÷	2	=	1
4	÷	2	=	2
6	÷	2	=	3
8	÷	2	=	4
10	÷	2	=	5
12	÷	2	=	6
14	÷	2	=	7
16	÷	2	=	8
18	÷	2	=	9
20	÷	2	=	10
22	÷	2	=	11
24	÷	2	=	12

3	÷	3	=	1
6	÷	3	=	2
9	÷	3	=	3
12	÷	3	=	4
15	÷	3	=	5
18	÷	3	=	6
21	÷	3	=	7
24	÷	3	=	8
27	÷	3	=	9
30	÷	3	=	10
33	÷	3	=	11
36	÷	3	=	12

4	÷	4	=	1
8	÷	4	=	2
12	÷	4	=	3
16	÷	4	=	4
20	÷	4	=	5
24	÷	4	=	6
28	÷	4	=	7
32	÷	4	=	8
36	÷	4	=	9
40	÷	4	=	10
44	÷	4	=	11
48	÷	4	=	12

5	÷	5	=	1
10	÷	5	=	2
15	÷	5	=	3
20	÷	5	=	4
25	÷	5	=	5
30	÷	5	=	6
35	÷	5	=	7
40	÷	5	=	8
45	÷	5	=	9
50	÷	5	=	10
55	÷	5	=	11
60	÷	5	=	12

6	÷	6	=	1
12	÷	6	=	2
18	÷	6	=	3
24	÷	6	=	4
30	÷	6	=	5
36	÷	6	=	6
42	÷	6	=	7
48	÷	6	=	8
54	÷	6	=	9
60	÷	6	=	10
66	÷	6	=	11
72	÷	6	=	12

7	÷	7	=	1
14	÷	7	=	2
21	÷	7	=	3
28	÷	7	=	4
35	÷	7	=	5
42	÷	7	=	6
49	÷	7	=	7
56	÷	7	=	8
63	÷	7	=	9
70	÷	7	=	10
77	÷	7	=	11
84	÷	7	=	12

8	÷	8	=	1
16	÷	8	=	2
24	÷	8	=	3
32	÷	8	=	4
40	÷	8	=	5
48	÷	8	=	6
56	÷	8	=	7
64	÷	8	=	8
72	÷	8	=	9
80	÷	8	=	10
88	÷	8	=	11
96	÷	8	=	12

Multiplication Wheels: Answers

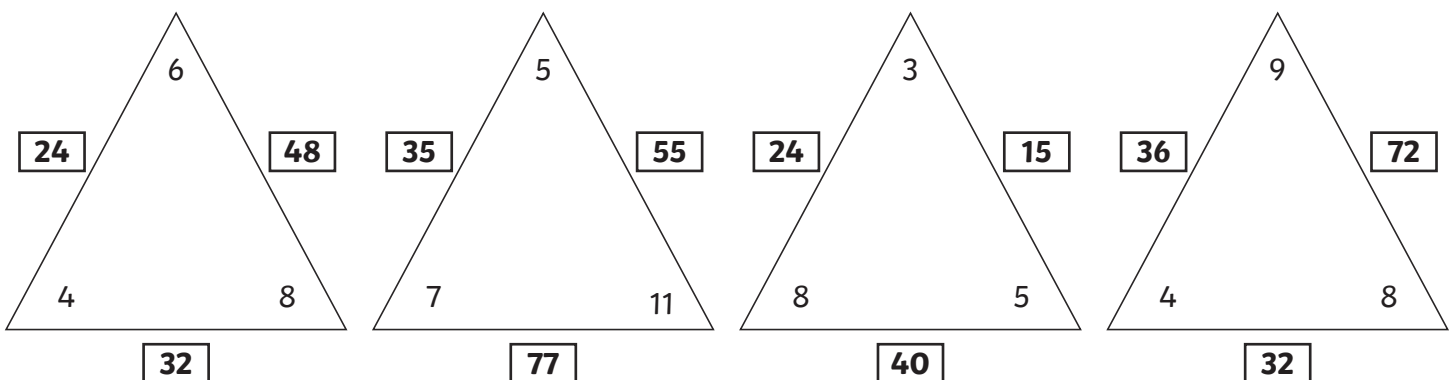
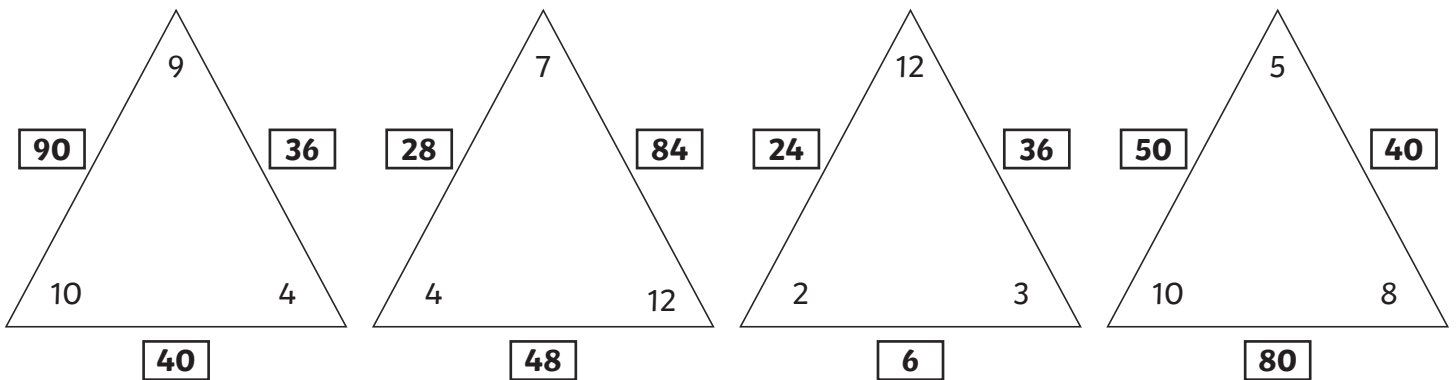
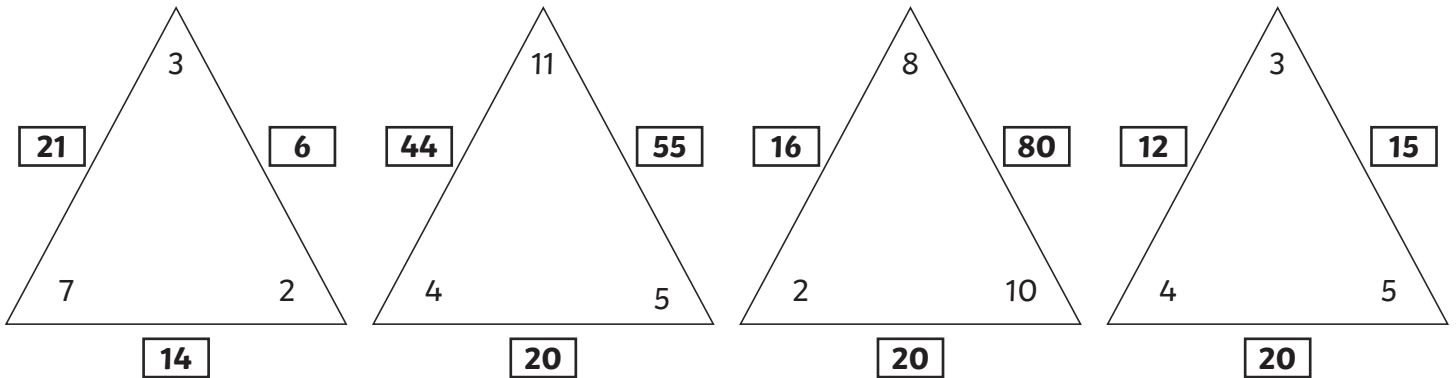
9	÷	9	=	1
18	÷	9	=	2
27	÷	9	=	3
36	÷	9	=	4
45	÷	9	=	5
54	÷	9	=	6
63	÷	9	=	7
72	÷	9	=	8
81	÷	9	=	9
90	÷	9	=	10
99	÷	9	=	11
108	÷	9	=	12

10	÷	10	=	1
20	÷	10	=	2
30	÷	10	=	3
40	÷	10	=	4
50	÷	10	=	5
60	÷	10	=	6
70	÷	10	=	7
80	÷	10	=	8
90	÷	10	=	9
100	÷	10	=	10
110	÷	10	=	11
120	÷	10	=	12

11	÷	11	=	1
22	÷	11	=	2
33	÷	11	=	3
44	÷	11	=	4
55	÷	11	=	5
66	÷	11	=	6
77	÷	11	=	7
88	÷	11	=	8
99	÷	11	=	9
110	÷	11	=	10
121	÷	11	=	11
132	÷	11	=	12

12	÷	12	=	1
24	÷	12	=	2
36	÷	12	=	3
48	÷	12	=	4
60	÷	12	=	5
72	÷	12	=	6
84	÷	12	=	7
96	÷	12	=	8
108	÷	12	=	9
120	÷	12	=	10
132	÷	12	=	11
144	÷	12	=	12

The Mystery of the Maths Pyramids: Answers



Ray's Arrays: Answers

$4 \times 5 = 20 \text{ or } 5 \times 4 = 20$

$20 \div 5 = 4 \text{ or } 20 \div 4 = 5$

$2 \times 8 = 16 \text{ or } 8 \times 2 = 16$

$16 \div 8 = 2 \text{ or } 16 \div 2 = 8$

$6 \times 7 = 42 \text{ or } 7 \times 6 = 42$

$42 \div 6 = 7 \text{ or } 42 \div 7 = 6$

$3 \times 9 = 27 \text{ or } 9 \times 3 = 27$

$27 \div 3 = 9 \text{ or } 27 \div 9 = 3$

$11 \times 4 = 44 \text{ or } 4 \times 11 = 44$

$44 \div 11 = 4 \text{ or } 44 \div 4 = 11$

Times Tables Missing Numbers: Answers

1. $2 \times \mathbf{4} = 8$

2. $5 \times 9 = \mathbf{45}$

3. $\mathbf{8} \times 7 = 56$

4. $9 \times \mathbf{7} = 63$

5. $12 \times \mathbf{2} = 24$

6. $\mathbf{5} \times 4 = 20$

7. $2 \times 9 = \mathbf{18}$

8. $\mathbf{2} \times 6 = 18$

9. $\mathbf{9} \times 4 = 36$

10. $11 \times \mathbf{5} = 55$

11. $\mathbf{9} \times 8 = 72$

12. $8 \times 6 = \mathbf{48}$

13. $12 \times \mathbf{1} = 12$

14. $\mathbf{9} \times 3 = 27$

15. $4 \times \mathbf{8} = 32$

16. $\mathbf{11} \times 4 = 44$

17. $5 \times \mathbf{3} = 15$

18. $\mathbf{6} \times 5 = 30$

19. $8 \times \mathbf{11} = 88$

20. $\mathbf{5} \times 12 = 60$

Wendy the Witch did a multiplication, but she made both numbers disappear. Calculate the missing numbers in the calculation below. How many different solutions can you find?

$$\quad \times \quad = 24$$

$$\mathbf{1} \times \mathbf{24} = \mathbf{24}$$

$$\mathbf{2} \times \mathbf{12} = \mathbf{24}$$

$$\mathbf{4} \times \mathbf{6} = \mathbf{24}$$

Raj's Word Problems: Answers

Use your knowledge of times tables to help Raj solve these multiplication problems at his shop.

1. In the shop, coloured pencils are sold in packs. Each pack contains 8 pencils. If Raj sells 7 packs, how many pencils are sold altogether?

56 pencils

2. Mrs Mercer buys a bag of sweets. It contains 21 sweets altogether. If her 3 children share the sweets equally, how many sweets will each child get?

7 sweets

3. Raj buys 10 packs of fish fingers to sell in his shop. Each pack contains 12 fish fingers. How many fish fingers has he bought altogether?

120 fish fingers

4. Chelsey works for 4 hours every day at the shop, apart from weekends. How many hours does she work in a week?

20 hours

5. Bob buys a packet of mints every day, including weekends. Each packet contains 11 mints. How many mints does he buy in a week?

77 mints

6. Raj has 84 cans of baked beans. He packs them into boxes. Each box can store 7 cans. How many boxes will he need altogether to pack the baked bean cans?

12 boxes

7. Mr Rodríguez buys 6 pizzas. Each pizza costs £4. What is the total cost of all the pizzas?

£24