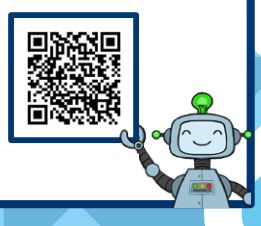
Multiplication Revision Booklet

Need more practice?

Scan the QR code to practise and improve fluency with the **Twinkl MTC App**.



And find all of our Times Table songs

Block Adventurer Multiplication Mosaic

Solve the multiplication problem to reveal a hidden picture.
Each answer has a special colour:

11-30 = light green
31-50 = dark green
51-70 = black
71-80 = grey
81-90 = red
all other answers = white

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

Block Adventurer Multiplication Mosaic

Solve the multiplication problem to reveal a hidden picture.
Each answer has a special colour:

24-40 = brown

41-50 = dark grey

51-79 = black

80-110 = light grey

All other answers = white

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

Block Adventurer Multiplication Mosaic

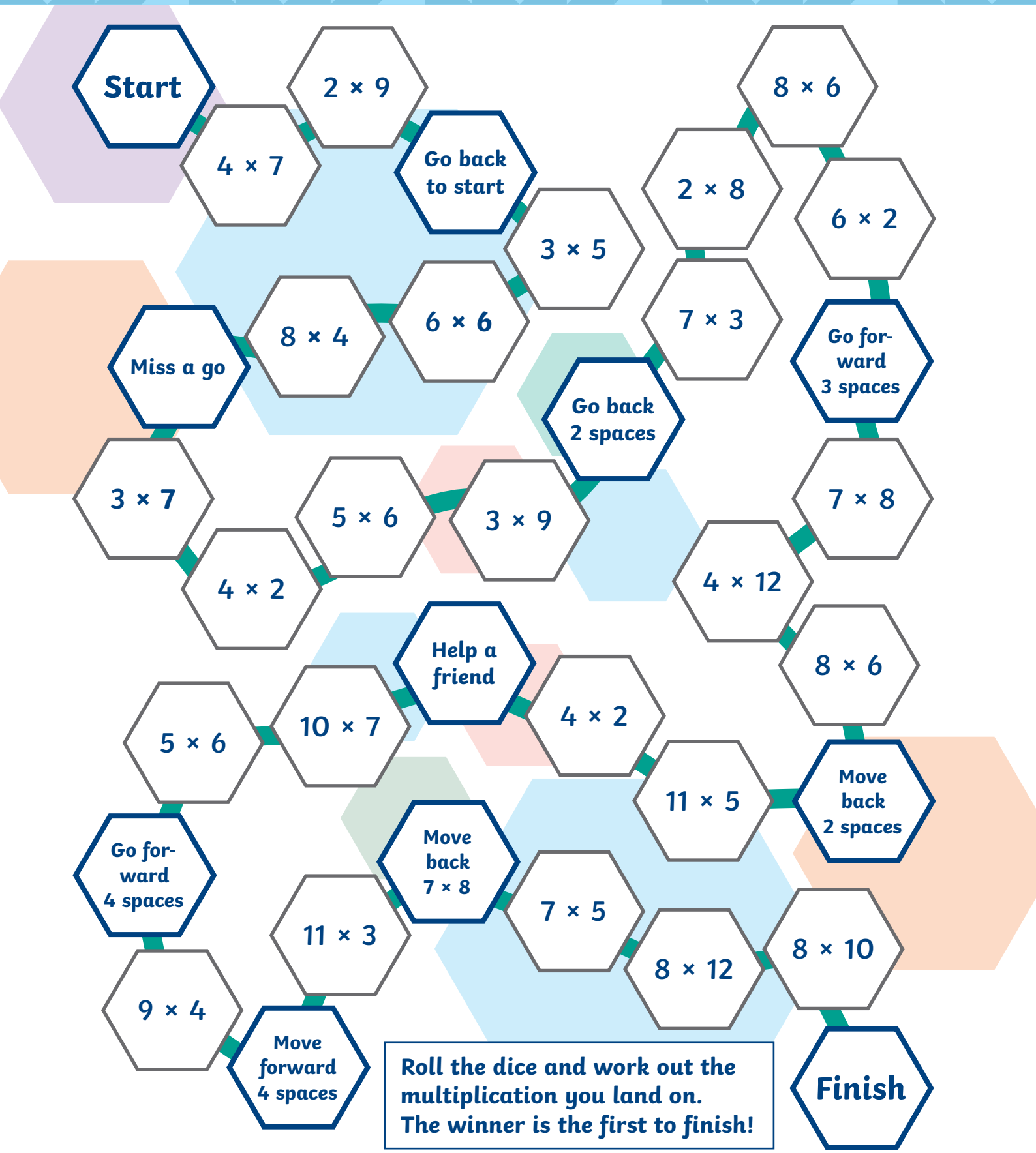
Solve the multiplication problem to reveal a hidden picture.
Each answer has a special colour:

10-19 = purple 20-59 = dark grey 60-89 = light grey

All other answers = white

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

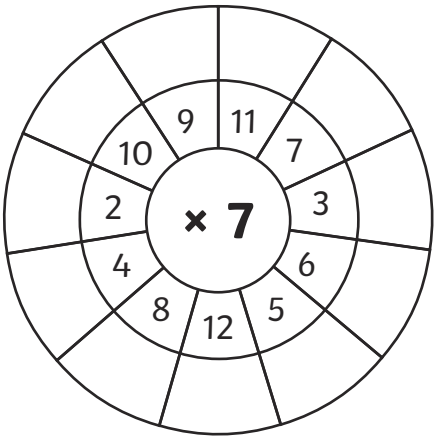
Mixed Multiplication Board Game

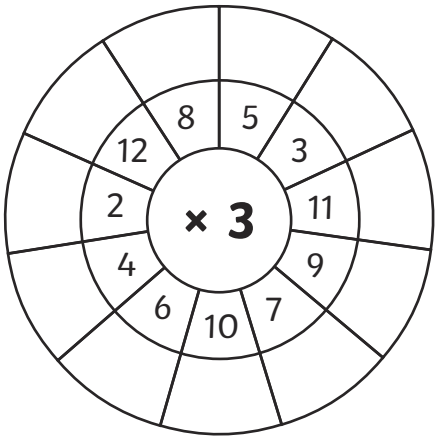


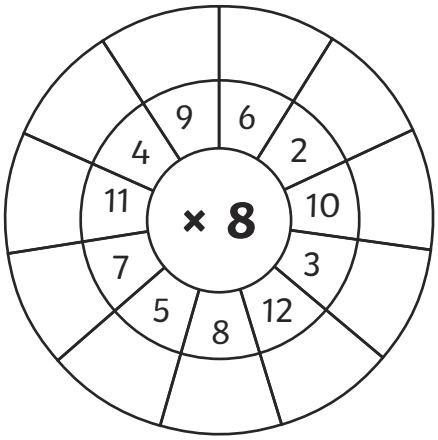
Roll the dice and work out the multiplication you land on. The winner is the first to finish!

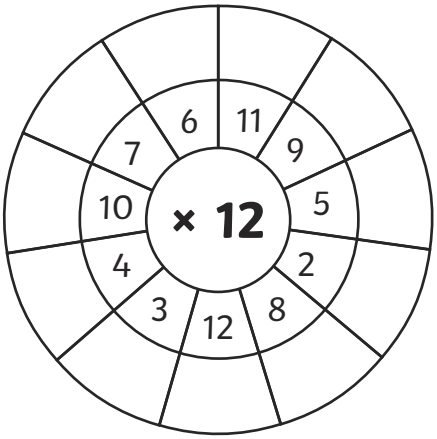
Mixed Multiplication Wheels

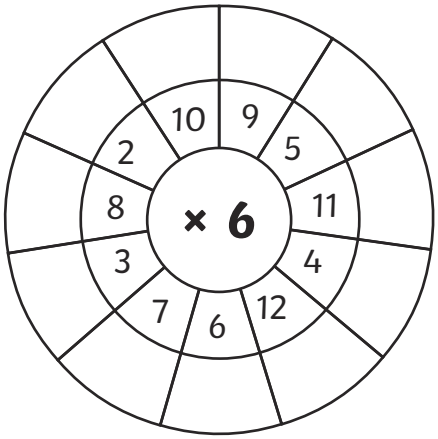
Multiply the numbers by the middle number.

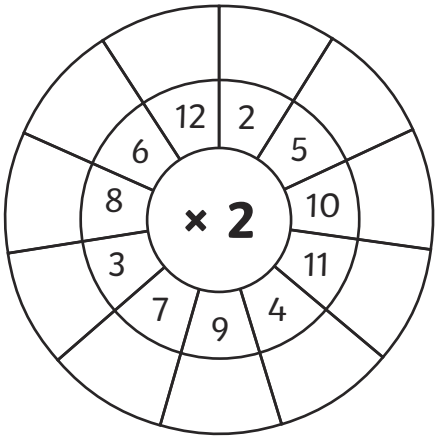


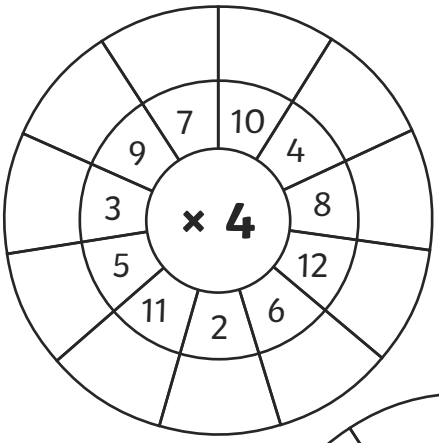


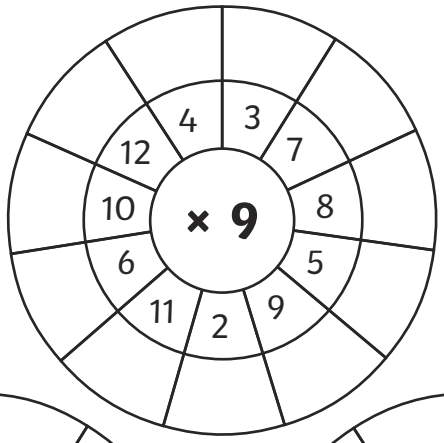


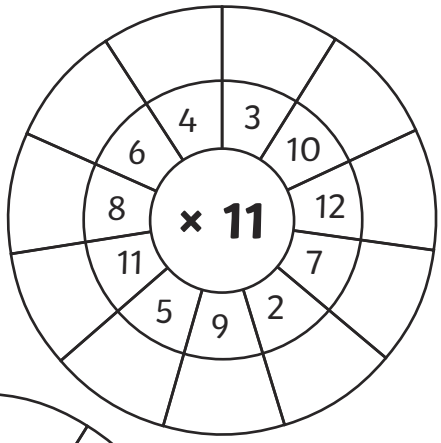


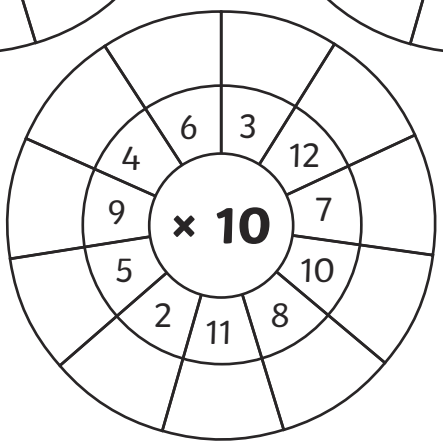


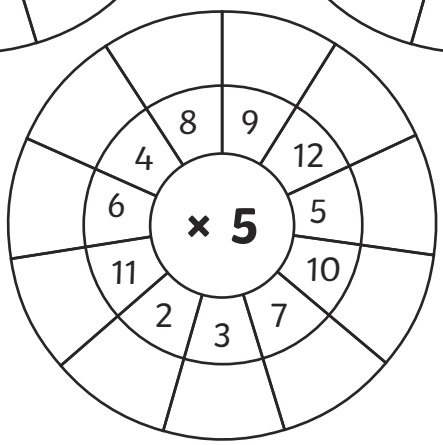












Missing Number Multiplication Square

Fill in the missing numbers in the multiplication square.

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

Multiplication Treasure Hunt Game

Aim of the game:

To answer times table calculations and collect the treasure that has the highest total value.

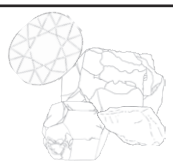
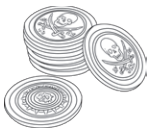
2-4 players

You will need:

- 2 dice (1-6)
- 4 colouring pencils (a different colour for each player)
- Multiplication Treasure Hunt Game Board

Instructions:

1. Roll both dice and add them together to generate the first factor. Repeat this to generate your second factor.
2. Multiply the two factors together and colour a square on the grid that contains the product (if there is one still available).
3. Players take it in turns and play continues until one person colours in a product in a square with an explosion or until a player has coloured in four squares in a row horizontally, vertically or diagonally.
4. At the end of the game, each player works out the total value of the treasure they have collected.

	end of the game 0 points		5 points
	subract 10 points		10 points
	2 points		50 points

Multiplication Treasure Hunt Game

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

Multiplication Splat Game

2-4 Players

You will need:

red, blue, green and yellow counters,
Multiplication Splat Game,
Multiplication Calculation List,
pencil

Instructions:

- Give every player 25 counters making sure they each have a different colour from one another and a Multiplication Splat Game.
- Next, the adult calls out multiplication calculations in any order from the Multiplication Calculation List (ticking off each calculation as they go).
- The players must race against each other to solve the multiplication and be the first player to place one of their counters on the answer on the grid.
- The player who correctly covers the answer first leaves their counter on this number grid for the rest of the game. If a player has covered an incorrect answer they must retrieve their counter from the board once the adult calls out the correct answer.
- Play continues until all the products on the grid are covered.
- The winner is the player with the most counters on the board.

Times Table Splat Game

18	4	64	27	54
56	84	28	15	9
77	18	132	30	96
21	48	55	120	100
14	50	16	6	10
49	63	8	144	60
42	88	110	81	36
35	24	40	8	108
66	121	32	12	30
25	20	90	45	72

Multiplication Calculation List

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

Rangoli Colour by Multiplication

Solve the multiplication calculations and colour each shape using the correct colour.

0-10	pink
11-20	orange
21-30	yellow
31-40	light green
41-50	purple
51-60	blue
61-70	dark green