

Christmas 2× Table Mosaic

Solve the calculations to reveal the hidden picture.

Each answer has a special colour.

Black

Blue

Orange

Red

0, 2, 4, 6

8, 10, 12, 14

16, 18

20, 22, 24

2×4	5×2	1×2	2×2	2×3	0×2	2×5	2×6	4×2
2×5	6×2	10×2	2×12	2×11	12×2	7×2	2×4	5×2
4×2	2×0	3×2	2×1	2×2	2×1	3×2	6×2	2×7
5×2	7×2					5×2	2×4	2×5
6×2		2×1			3×2		2×7	6×2
4×2				8×2	2×9	2×8	9×2	5×2
2×7		2×2			0×2		4×2	6×2
5×2			1×2	2×2			2×6	7×2
2×6	2×4					4×2	2×5	6×2
7×2							2×7	2×4

Challenge: Use $<$, $>$ or $=$ to compare the number sentences.

$$4 \times 10 \square 8 \times 2 \quad 5 \times 2 \square 9 \times 2 \quad 11 \times 2 \square 2 \times 11$$

Christmas 2× Table Mosaic Answers

Black

0, 2, 4, 6

Blue

8, 10, 12, 14

Orange

16, 18

Red

20, 22, 24

2×4	5×2	1×2	2×2	2×3	0×2	2×5	2×6	4×2
2×5	6×2	10×2	2×12	2×11	12×2	7×2	2×4	5×2
4×2	2×0	3×2	2×1	2×2	2×1	3×2	6×2	2×7
5×2	7×2					5×2	2×4	2×5
6×2		2×1			3×2		2×7	6×2
4×2				8×2	2×9	2×8	9×2	5×2
2×7		2×2			0×2		4×2	6×2
5×2			1×2	2×2			2×6	7×2
2×6	2×4					4×2	2×5	6×2
7×2							2×7	2×4

Challenge: Use $<$, $>$ or $=$ to compare the number sentences.

$$4 \times 10 \boxed{>} 8 \times 2 \quad 5 \times 2 \boxed{<} 9 \times 2 \quad 11 \times 2 \boxed{=} 2 \times 11$$

Christmas 5× Table Mosaic

Solve the calculations to reveal the hidden picture.

Each answer has a special colour.

Brown

Green

Black

Red

0, 5, 10, 15,
20, 25, 30

35, 40

45, 50, 55

60

		10×5		9×5				
	5×10	5×9		5×10	11×5			
		5×11		5×9				
		2×5	5×5	3×5				
	3×5	11×5	5×0	6×5	5×1			
12×5	5×4	6×5	2×5	4×5	0×5			
	1×5	5×4	5×3	5×2				
			5×6	5×3	5×7			
		7×5	5×5	8×5	3×5	0×5	6×5	1×5
			5×8	2×5	5×5	5×6	5×2	4×5

Challenge: Are these calculations true or false?

$4 \times 5 = 20$ _____

$5 \times 5 = 55$ _____

$10 \times 5 = 15$ _____

Christmas 5× Table Mosaic Answers

Brown

0, 5, 10, 15,
20, 25, 30

Green

35, 40

Black

45, 50, 55

Red

60

		10 × 5		9 × 5				
	5 × 10	5 × 9		5 × 10	11 × 5			
		5 × 11		5 × 9				
		2 × 5	5 × 5	3 × 5				
	3 × 5	11 × 5	5 × 0	6 × 5	5 × 1			
12 × 5	5 × 4	6 × 5	2 × 5	4 × 5	0 × 5			
	1 × 5	5 × 4	5 × 3	5 × 2				
			5 × 6	5 × 3	5 × 7			
		7 × 5	5 × 5	8 × 5	3 × 5	0 × 5	6 × 5	1 × 5
			5 × 8	2 × 5	5 × 5	5 × 6	5 × 2	4 × 5

Challenge: Are these calculations true or false?

4 × 5 = 20 **true**

5 × 5 = 55 **false**

10 × 5 = 15 **false**

Christmas 10× Table Mosaic

Solve the calculations to reveal the hidden picture.

Each answer has a special colour.

Green

Yellow

Red

Brown

0, 10, 20, 30,
40, 50, 60

70

80, 90, 100

110, 120

				10×7				
			10×5	10×1	2×10			
			10×10	6×10	10×3			
		10×4	3×10	10×8	9×10	10×10		
		5×10	10×0	1×10	3×10	4×10		
	6×10	10×2	3×10	10×6	10×5	9×10	6×10	
	10×1	4×10	5×10	10×9	8×10	3×10	10×2	
10×6	10×0	9×10	10×8	0×10	5×10	10×0	10×6	10×4
10×9	10×10	2×10	10×3	10×3	10×6	2×10	1×10	3×10
			12×10	10×12	10×11			

Challenge: The bauble at the top of the tree should be red! Write down all the possible multiplications that could go in that square.

Christmas 10× Table Mosaic Answers

Green

0, 10, 20, 30,
40, 50, 60

Yellow

70

Red

80, 90, 100

Brown

110, 120

				10 × 7					
			10 × 5	10 × 1	2 × 10				
			10 × 10	6 × 10	10 × 3				
		10 × 4	3 × 10	10 × 8	9 × 10	10 × 10			
		5 × 10	10 × 0	1 × 10	3 × 10	4 × 10			
	6 × 10	10 × 2	3 × 10	10 × 6	10 × 5	9 × 10	6 × 10		
	10 × 1	4 × 10	5 × 10	10 × 9	8 × 10	3 × 10	10 × 2		
10 × 6	10 × 0	9 × 10	10 × 8	0 × 10	5 × 10	10 × 0	10 × 6	10 × 4	
10 × 9	10 × 10	2 × 10	10 × 3	10 × 3	10 × 6	2 × 10	1 × 10	3 × 10	
			12 × 10	10 × 12	10 × 11				

Challenge: The bauble at the top of the tree should be red! Write down all the possible multiplications that could go in that square.

8 × 10 , 10 × 8, 9 × 10, 10 × 9, 10 × 10

Christmas 2×, 5× and 10× Table Mosaic

Solve the calculations to reveal the hidden picture.

Each answer has a special colour.

Blue

Green

Black

Red

Brown

0

1 to 20

21 to 40

41 to 50

51 to 120

10×0	2×5	5×0	7×0	0×11	0×9	0×12	8×2	8×0
0×2	1×10	9×2	12×0	0×10	0×5	10×1	5×3	4×0
3×0	0×4	1×5	5×9	2×0	9×5	2×6	3×0	11×0
0×5	6×0			10×5			0×8	0×0
0×7								9×0
	10×7		12×10		10×8		7×5	
8×10	10×11		9×10		2×11	5×11	7×10	
5×11	5×5	10×10	5×12		11×5	9×10	10×10	12×5
10×10	12×5	10×8	11×10	4×10	7×10	12×5	12×10	8×10
10×3	10×7	12×5	5×11	10×9	5×11	11×10	12×2	10×9

Challenge: How many multiplications in the 2, 5 and 10 times tables give the answer of 20?

Christmas 2×, 5× and 10× Table Mosaic

Answers

Blue

Green

Black

Red

Brown

0

1 to 20

21 to 40

41 to 50

51 to 120

10×0	2×5	5×0	7×0	0×11	0×9	0×12	8×2	8×0
0×2	1×10	9×2	12×0	0×10	0×5	10×1	5×3	4×0
3×0	0×4	1×5	5×9	2×0	9×5	2×6	3×0	11×0
0×5	6×0			10×5			0×8	0×0
0×7								9×0
	10×7		12×10		10×8		7×5	
8×10	10×11		9×10		2×11	5×11	7×10	
5×11	5×5	10×10	5×12		11×5	9×10	10×10	12×5
10×10	12×5	10×8	11×10	4×10	7×10	12×5	12×10	8×10
10×3	10×7	12×5	5×11	10×9	5×11	11×10	12×2	10×9

Challenge: How many multiplications in the 2, 5 and 10 times tables give the answer of 20?

2×10 , 10×2 , 5×4 , 4×5