

Christmas 2× Table Mosaic

Solve the calculations to reveal the hidden picture.

Each answer has a special colour.

Red

1, 2, 3, 4,
5, 6, 7 or 8

Yellow

9, 10 or 11

Green

12, 14, 16,
18, 20 or 22

Brown

24

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

Challenge: The bauble at the top of the tree should be red! List all of the multiplication and division problems that could be in that square.

Christmas 2× Table Mosaic

Red

1, 2, 3, 4,
5, 6, 7 or 8

Yellow

9, 10 or 11

Green

12, 14, 16,
18, 20 or 22

Brown

24

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

Challenge: The bauble at the top of the tree should be red! List all of the multiplication and division problems that could be in that square.

$0 \times 2, 2 \times 0, 1 \times 2, 2 \times 1, 2 \times 2, 3 \times 2, 2 \times 3, 4 \times 2, 2 \times 4, 16 \div 2, 14 \div 2, 12 \div 2, 10 \div 2, 8 \div 2, 6 \div 2, 4 \div 2, 2 \div 2, 1 \div 2, 0 \div 2$

Christmas 5× Table Mosaic

Solve the calculations to reveal the hidden picture.
Each answer has a special colour.

Light Brown

1 to 30

Dark Brown

35, 40 or 45

Red

50 or 55

Black

60

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

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

$$4 \times 5 \quad \square \quad 6 \times 5 \qquad 60 \div 5 \quad \square \quad 45 \div 5 \qquad 55 \div 5 \quad \square \quad 3 \times 5$$

Christmas 5× Table Mosaic

Light Brown

1 to 30

Dark Brown

35, 40 or 45

Red

50 or 55

Black

60

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

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

$$4 \times 5 \quad \boxed{<} \quad 6 \times 5 \qquad 60 \div 5 \quad \boxed{>} \quad 45 \div 5 \qquad 55 \div 5 \quad \boxed{<} \quad 3 \times 5$$

Christmas 10× Table Mosaic

Solve the calculations to reveal the hidden picture.
Each answer has a special colour.

Red

1, 2, 3,
4, 5 or 10

Black

6, 7, 8, 9 or 20

Blue

30, 40, 50,
60, 70 or 80

Yellow or Gold

90, 100,
110 or 120

$100 \div 10$	$20 \div 10$	$10 \div 10$						
$30 \div 10$	$50 \div 10$	1×10						
1×10	$40 \div 10$	$50 \div 10$			10×10		11×10	
1×10	1×10	$30 \div 10$		12×10		10×10		12×10
$40 \div 10$	$100 \div 10$	$10 \div 10$			11×10	9×10	10×10	
				3×10	5×10	11×10	6×10	4×10
$90 \div 10$	$60 \div 10$	$70 \div 10$		10×10	9×10	12×10	10×10	9×10
$70 \div 10$	$80 \div 10$	2×10		6×10	4×10	10×10	3×10	7×10
2×10	$80 \div 10$	$70 \div 10$	$60 \div 10$	8×10	7×10	9×10	5×10	4×10
$90 \div 10$	$60 \div 10$	2×10	$90 \div 10$	3×10	5×10	11×10	8×10	3×10

Challenge: Are the calculations true or false?

$4 \times 10 = 40$ _____ $110 \div 10 = 10$ _____ $70 \div 10 = 7$ _____

Christmas 10× Table Mosaic

Red

1, 2, 3,
4, 5 or 10

Black

6, 7, 8, 9 or 20

Blue

30, 40, 50,
60, 70 or 80

Yellow or Gold

90, 100,
110 or 120

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

Challenge: Are the calculations true or false?

4 × 10 = 40 **True**

110 ÷ 10 = 10 **False**

70 ÷ 10 = 7 **True**

Christmas 2×, 5× and 10× Table Mosaic

Solve the calculations to reveal the hidden picture.

Each answer has a special colour.

Brown

1 to 10

Red

11 to 20

Black

21 to 50

Grey

51 to 90

Green

91 to 120

10×10	$120 \div 10$	12×10	11×10	2×10	12×10	10×10	$24 \div 2$	11×10
1×10	$100 \div 10$	$30 \div 10$	$30 \div 5$	1×5	$15 \div 5$	$50 \div 5$	$50 \div 10$	2×5
$60 \div 10$	$8 \div 2$	$18 \div 2$	2×2	$45 \div 5$	$90 \div 10$	$12 \div 2$	$6 \div 2$	$20 \div 10$
$20 \div 2$	1×2	$22 \div 2$	8×2	4×5	$120 \div 10$	$55 \div 5$	$4 \div 2$	3×2
$80 \div 10$	$10 \div 2$	6×2	3×5	10×2	9×2	7×2	$70 \div 10$	$40 \div 5$
4×2	$5 \div 5$						5×2	$16 \div 2$
$20 \div 5$	$40 \div 10$	6×10	$60 \div 5$	12×5	$110 \div 10$	8×10	$2 \div 2$	$14 \div 2$
$10 \div 10$	$35 \div 5$	11×5	11×2	6×10	5×5	9×10	$10 \div 5$	$25 \div 5$
$14 \div 2$	$60 \div 10$	6×5	4×10	7×10	3×10	12×2	$20 \div 2$	$40 \div 10$

Challenge: How many multiplication and division calculations in the 2, 5 and 10 times table give the answer of 10?

Christmas 2×, 5× and 10× Table Mosaic

Brown

1 to 10

Red

11 to 20

Black

21 to 50

Grey

51 to 90

Green

91 to 120

10×10	$120 \div 10$	12×10	11×10	2×10	12×10	10×10	$24 \div 2$	11×10
1×10	$100 \div 10$	$30 \div 10$	$30 \div 5$	1×5	$15 \div 5$	$50 \div 5$	$50 \div 10$	2×5
$60 \div 10$	$8 \div 2$	$18 \div 2$	2×2	$45 \div 5$	$90 \div 10$	$12 \div 2$	$6 \div 2$	$20 \div 10$
$20 \div 2$	1×2	$22 \div 2$	8×2	4×5	$120 \div 10$	$55 \div 5$	$4 \div 2$	3×2
$80 \div 10$	$10 \div 2$	6×2	3×5	10×2	9×2	7×2	$70 \div 10$	$40 \div 5$
4×2	$5 \div 5$						5×2	$16 \div 2$
$20 \div 5$	$40 \div 10$	6×10	$60 \div 5$	12×5	$110 \div 10$	8×10	$2 \div 2$	$14 \div 2$
$10 \div 10$	$35 \div 5$	11×5	11×2	6×10	5×5	9×10	$10 \div 5$	$25 \div 5$
$14 \div 2$	$60 \div 10$	6×5	4×10	7×10	3×10	12×2	$20 \div 2$	$40 \div 10$

Challenge: How many multiplication and division calculations in the 2, 5 and 10 times table give the answer of 10?

1 × 10, 2 × 5, 5 × 2, 10 × 1, 100 ÷ 10, 50 ÷ 5, 20 ÷ 2