Emoji 2× Table Mosaic

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

Yellow: 0, 2, 4, 6, 8, 18, 22, 24	Black: 14, 16	Red: 10, 12, 20

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

Challenge: What do you notice about all the answers in the 2× table?

Emoji 2× Table Mosaic **Answers**

Yellow:	Black:	Red:
0, 2, 4, 6, 8, 18, 22, 24	14, 16	10, 12, 20

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

Challenge: What do you notice about all the answers in the 2× table?

Answer: All the answers have 2, 4, 6, 8 or 0 in the ones column.

Emoji 5× Table Mosaic

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

Yellow:	Black:
5, 15, 25, 35, 45, 55	0, 10, 20, 30, 40, 50, 60

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

Challenge: What do you notice about all the answers in the 5× table?

Emoji 5× Table Mosaic **Answers**

Yellow:	Black:
5, 15, 25, 35, 45, 55	0, 10, 20, 30, 40, 50, 60

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

Challenge: What do you notice about all the answers in the 5× table?

Answers: All the answers have 5 or 0 in the ones column.

Emoji 10× Table Mosaic

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

Yellow: 0, 10, 20, 30, 40, 50, 60, 70, 80	Black: 90, 100	Blue: 110, 120

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

Challenge: What do you notice about all the answers in the 10× table?

Emoji 10× Table Mosaic **Answers**

Yellow: 0, 10, 20, 30, 40, 50, 60, 70, 80	Black: 90, 100	Blue: 110, 120

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

Challenge: What do you notice about all the answers in the 10× table?
Answer: All the answers have 0 in the ones column.

Emoji 2, 5 and 10× Tables Mosaic

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

Yellow: 2, 4, 6, 8, 10, 18, 20, 22, 24, 30	Black: 0, 5, 15, 25	Red: 12, 14, 16, 110, 120	Blue: 35, 45, 55, 70, 80, 90, 100

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

Challenge: What numbers do you notice are in the 2×, 5× and 10× tables?

Emoji 2, 5 and 10× Tables Mosaic **Answers**

Yellow: 2, 4, 6, 8, 10, 18, 20, 22, 24, 30	Black: 0, 5, 15, 25	Red: 12, 14, 16, 110, 120	Blue: 35, 45, 55, 70, 80, 90, 100

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

Challenge: What numbers do you notice are in the 2×, 5× and 10× tables?

Answer: Answers should include any number in the 10× table (e.g. 10, 20, 30 etc)