

Emoji Multiplication Mosaic

Over and Under: Even multiples and odd multiples under and over 50.

Identify the properties of the numbers in the grid to reveal the hidden picture. Each answer has a special colour: Hint: a multiple includes a times table fact.

Even multiples under 50 = **black**

Odd multiples under 50 = **purple**

Even multiples over 50 = **yellow**

Odd multiples over 50 = **blue**

35	45	60	27	33	21	15	66	25	35
33	70	110	84	25	45	72	80	100	21
15	120	144	88	35	33	96	90	108	25
60	66	110	70	84	72	90	100	80	96
84	72	100	12	90	144	16	108	120	60
40	20	55	120	110	70	80	48	10	36
66	144	81	72	30	32	84	144	96	108
90	70	88	12	16	48	10	100	90	110
35	15	84	48	120	144	20	72	21	27
27	33	21	66	70	88	108	45	25	15

Emoji Multiplication Mosaic Answers

Over and Under: Even multiples and odd multiples under and over 50.

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60	66	110	70	84	72	90	100	80	96
84	72	100	12	90	144	16	108	120	60
40	20	55	120	110	70	80	48	10	36
66	144	81	72	30	32	84	144	96	108
90	70	88	12	16	48	10	100	90	110
35	15	84	48	120	144	20	72	21	27
27	33	21	66	70	88	108	45	25	15

Emoji Multiplication Mosaic

Square numbers up to 12x12, prime numbers to 100 and factors.

Identify the properties of the numbers in the grid to reveal the hidden picture. Each answer has a special colour: Hint: a multiple includes a times table fact.

Prime numbers to 100 = **yellow**

Odd square numbers = **blue**

Even square numbers = **red**

Numbers with only 4 factors = **black**

If a number does not fit any of the categories, do not colour it in.

12	52	24	13	3	5	7	18	24	32
32	11	13	17	19	23	29	31	7	42
37	41	43	47	53	59	61	67	97	71
73	6	15	8	79	83	14	21	22	89
4	36	97	7	29	23	5	2	25	4
64	100	3	41	73	37	89	59	9	64
61	67	12	42	24	52	32	12	49	53
43	79	2	52	32	20	12	3	7	5
60	83	73	19	42	52	23	71	67	60
12	32	18	61	41	59	3	42	52	42

Emoji Multiplication Mosaic Answers

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32	11	13	17	19	23	29	31	7	42
37	41	43	47	53	59	61	67	97	71
73	6	15	8	79	83	14	21	22	89
4	36	97	7	29	23	5	2	25	4
64	100	3	41	73	37	89	59	9	64
61	67	12	42	24	52	32	12	49	53
43	79	2	52	32	20	12	3	7	5
60	83	73	19	42	52	23	71	67	60
12	32	18	61	41	59	3	42	52	42

Emoji Multiplication Mosaic

Prime numbers to 100, square numbers to 12x12, cube numbers, numbers with 4 or 6 factors.
Identify the properties of the numbers in the grid to reveal the hidden picture. Each answer has a special colour: Hint: a multiple includes a times table fact.

Prime numbers = **yellow**

Cube numbers = **blue**

Numbers with 4 factors = **green**

Numbers with 6 factors = **black**

Square numbers = **pink**

If a number fits two categories, decide which colour would be appropriate to complete the drawing.

8	6	10	4	100	64	36	14	22	21
15	14	21	25	144	9	121	8	10	6
21	81	49	16	100	4	36	64	9	14
64	100	4	36	64	9	25	100	4	49
2	18	12	20	3	7	32	44	18	5
11	13	27	17	19	37	41	343	53	43
59	61	125	67	71	73	79	216	97	83
89	2	216	23	12	20	3	125	7	5
6	11	343	7	44	18	53	27	5	6
8	10	14	7	3	2	17	22	21	15

Emoji Multiplication Mosaic Answers

Prime numbers to 100, square numbers to 12x12, cube numbers, numbers with 4 or 6 factors. Identify the properties of the numbers in the grid to reveal the hidden picture. Each answer has a special colour: Hint: a multiple includes a times table fact.

Prime numbers = **yellow**

Cube numbers = **blue**

Numbers with 4 factors = **green**

Numbers with 6 factors = **black**

Square numbers = **pink**

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64	100	4	36	64	9	25	100	4	49
2	18	12	20	3	7	32	44	18	5
11	13	27	17	19	37	41	343	53	43
59	61	125	67	71	73	79	216	97	83
89	2	216	23	12	20	3	125	7	5
6	11	343	7	44	18	53	27	5	6
8	10	14	7	3	2	17	22	21	15