

Bonfire Night Maths Mosaic

Identify the properties of the numbers in the grid to reveal the hidden picture. Each answer has a special colour.

Even multiples under 50 = orange

Odd multiples under 50 = yellow

Even multiples over 50 = black

Odd multiples over 50 = grey

12	60	35	66	16	70	45	110	40
84	20	72	27	48	33	80	10	100
21	120	36	144	15	88	30	96	25
90	35	108	12	55	16	64	45	60
27	66	40	70	75	110	20	84	21
72	48	80	100	63	120	144	10	88
36	96	90	108	81	64	60	66	30
70	110	84	100	99	72	80	100	120
144	88	96	90	121	108	144	120	88
60	80	66	70	75	110	100	96	108

Bonfire Night Maths Mosaic Answers

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12	60	35	66	16	70	45	110	40
84	20	72	27	48	33	80	10	100
21	120	36	144	15	88	30	96	25
90	35	108	12	55	16	64	45	60
27	66	40	70	75	110	20	84	21
72	48	80	100	63	120	144	10	88
36	96	90	108	81	64	60	66	30
70	110	84	100	99	72	80	100	120
144	88	96	90	121	108	144	120	88
60	80	66	70	75	110	100	96	108

Bonfire Night Maths Mosaic

Identify the properties of the numbers in the grid to reveal the hidden picture. Each answer has a special colour.

Prime numbers to 100 = black

Odd square numbers = blue

Even square numbers = red

Numbers with 4 factors = orange

13	19	41	47	9	53	61	71	83
23	79	71	25	49	81	17	29	43
59	67	121	9	25	49	81	83	23
31	73	89	4	36	64	37	97	13
19	53	13	100	144	4	61	71	83
23	71	59	36	64	100	97	23	79
37	31	67	144	4	36	13	53	71
67	97	6	23	8	61	10	17	59
13	14	23	15	71	21	13	22	67
6	79	8	97	10	59	14	23	15

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23	79	71	25	49	81	17	29	43
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31	73	89	4	36	64	37	97	13
19	53	13	100	144	4	61	71	83
23	71	59	36	64	100	97	23	79
37	31	67	144	4	36	13	53	71
67	97	6	23	8	61	10	17	59
13	14	23	15	71	21	13	22	67
6	79	8	97	10	59	14	23	15

Bonfire Night Maths Mosaic

Identify the properties of the numbers in the grid to reveal the hidden picture. Each answer has a special colour.

Prime numbers = black

Cube numbers = yellow

Square numbers = brown

Numbers with 4 factors = red

Numbers with 6 factors = orange

13	17	41	19	512	23	47	29	31
53	71	61	125	216	343	37	79	67
43	83	18	512	12	125	20	73	89
97	13	32	44	18	12	32	17	41
19	23	15	20	6	44	10	47	29
31	53	14	22	21	15	14	71	61
37	6	10	14	22	21	6	15	79
67	4	100	64	36	25	144	9	43
121	83	81	73	49	89	4	97	100
64	36	25	144	9	121	81	49	4

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53	71	61	125	216	343	37	79	67
43	83	18	512	12	125	20	73	89
97	13	32	44	18	12	32	17	41
19	23	15	20	6	44	10	47	29
31	53	14	22	21	15	14	71	61
37	6	10	14	22	21	6	15	79
67	4	100	64	36	25	144	9	43
121	83	81	73	49	89	4	97	100
64	36	25	144	9	121	81	49	4