

Colour all the numbers that are multiples of 7:

42	48	36	700
64	350	14	150
26	21	81	56

Colour all the numbers that are multiples of 9:

40	63	410	270
117	121	180	73
81	65	108	34

Colour all the numbers that are multiples of 12:

36	25	66	120
97	104	48	20
132	96	134	72

Find all the factor pairs for each of these numbers.



32

1, 32
2, 16
4, 8

40

1, 40
2, 20
4, 10
5, 8

48

1, 48
2, 24
3, 16
4, 12
6, 8

66

1, 66
2, 33
3, 22
6, 11

100

1, 100
2, 50
4, 25
5, 20
10, 10

What are the common factors of 18 and 24?

1, 2, 3, 6

What are the common factors of 30 and 45?

1, 3, 5, 15

What are the common factors of 52 and 78?

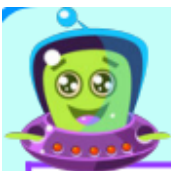
1, 2, 13, 26

Working out:

Colour in all the prime numbers in this hundred square.



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Complete these tables.

1^2	1×1	1	2^3	$2 \times 2 \times 2$	8
5^2	5×5	25	3^3	$3 \times 3 \times 3$	27
7^2	7×7	49	4^3	$4 \times 4 \times 4$	64
9^2	9×9	81	5^3	$5 \times 5 \times 5$	125
12^2	12×12	144	8^3	$8 \times 8 \times 8$	512
20^2	20×20	400	10^3	$10 \times 10 \times 10$	1000

Ginny's garden is 8 metres wide and 8 metres long. What is the area of Ginny's garden?

64 m²

A box is 6 cm wide, 6 cm high and 6 cm deep. What is the volume of the box?

216 cm³

Percy is using a sheet of square paper to make origami. It has an area of 169 cm². What is the width of the paper?

13 cm

Colour in the numbers that are NOT square numbers:

36

9

54

121

20

88

100

1

Colour in the numbers that are NOT cube numbers:

140

216

1000

621

64

500

45

729