




Challenge

Investigate what percentage of the numbers on a 1 to 100 number square are:

- odd numbers
- 1-digit numbers
- 2-digit numbers
- 3-digit numbers
- multiples of 5
- multiples of 2 and 5
- multiples of 3
- numbers that contain the digit 7
- square numbers
- factors of 36
- prime numbers.

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

Think about ...

Remember that 'per cent' relates to the number of parts per hundred, and there are 100 numbers, or parts, on a 1 to 100 number square.



For the 'What if?', think about place value, comparing, ordering and rounding numbers, and factors and multiples. What other topics can you think of?

What if?

Investigate different types of numbers on a 1 to 100 number square that are 25% of the square.

What about 60%? What about 12%?

Find other types of numbers that are different percentages of a 1 to 100 number square.

When you've finished, turn to page 80.

