Year 3

Knowledge Organiser Place Value

THIRD SPACE LEARNING

Key vocabulary

one, ten, hundred, thousand, more, less, digit, number, count, place value, compare, order, multiples, estimate, partition, zero, greater than, less than

Counting in multiples

A multiple is the product of two numbers. These are some of the multiples of 4.

× 4	4	8	12	16	20	24	28	32	36	40

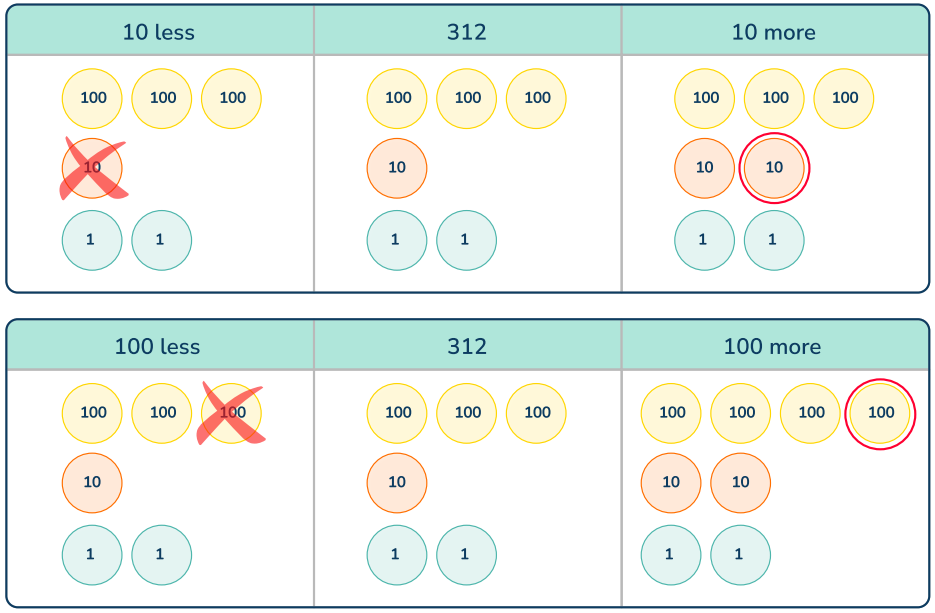
We can use the multiples of 4 to find the multiples of 8.

× 8	8	16	24	32	40	48	56	64	72	80

We can use the multiples of 5 and 10 to find the multiples of 50 and 100.

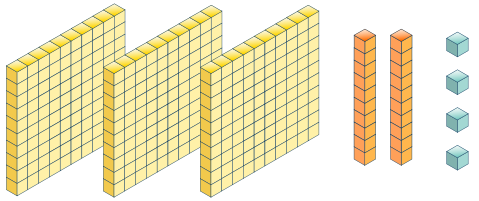
× 50	50	100	150	200	250	300	350	400	450	500
× 100	100	200	300	400	500	600	700	800	900	1000

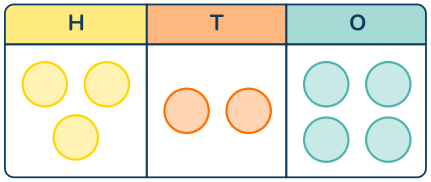
Find 10 or 100 more or less

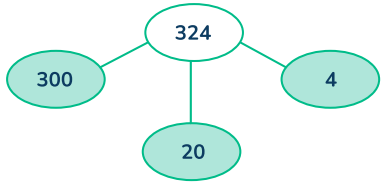


Place value of a 3-digit number

A 3-digit number is a number between 100 and 999. Where a digit is placed tells us the value of the digit.





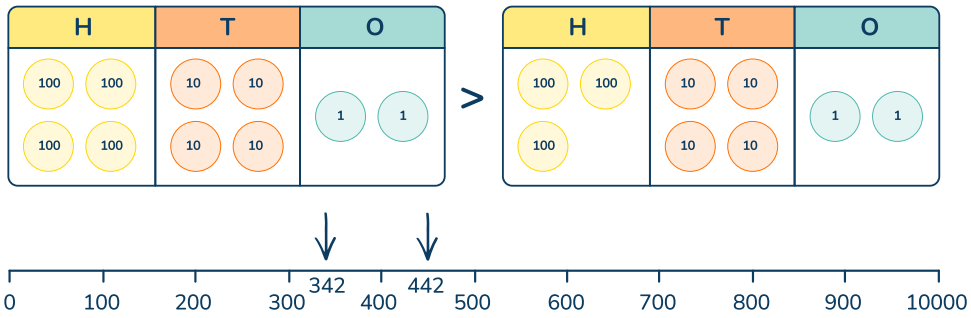


100	200	300	400	500	600	700	800	900
10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9

The digit 3 has a value of 3 hundreds. The digit 2 has a value of 2 tens. The digit 4 has a value of 4 ones.

Compare and order numbers up to 1,000

> more than, greater than, bigger than

< less than, smaller than

= equal to, the same as