



Year 6 – Maths - Place Value

Key vocabulary

ten million

millions

thousands

hundreds

tens

ones

zero

place value

greater than

less than

order

round

rounded

negative number

partition

digit

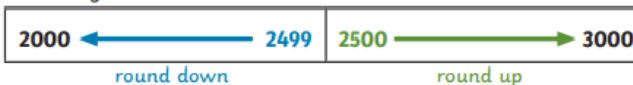
interval

sequence

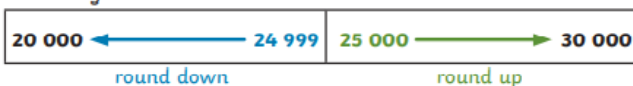
linear sequence

Rounding

Rounding to the nearest 1000



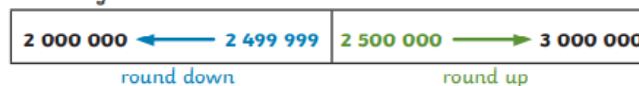
Rounding to the nearest 10 000



Rounding to the nearest 100 000



Rounding to the nearest 1 000 000



Negative numbers

$$3 - 8 = -5$$

$$-6 + 11 = 5$$



Key questions

Which is greater/less than?

Can you round ____ to the nearest 1000?
10,000? 100,000?

Can you order the following numbers?

What can you tell me about the
following number?

Links to other learning

Year 5 - Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit; Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000; Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0; Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000; Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals.

Year 7 - Understand and use place value for decimals, measures and integers of any size.



Year 6 – Maths – Place Value

Compare and order



equals

$$26 + 38 = 8 \times 8$$

Both calculations have the value 64.

greater than

$$223\ 873 > 98\ 256$$

The number on the left has 2 hundred thousands and the number on the right has 0 hundred thousands.

less than

$$901\ 198 < 1\ 091\ 098$$

The number on the right has 1 million and the number on the left has 0 millions.

smallest

81 782

127 352

127 835

137 019

200 002

greatest

Numbers to ten million



3 926 471

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
3	9	2	6	4	7	1

three million, nine hundred and twenty-six thousand, four hundred and seventy-one

3 926 471
3 926 000 471

