

Key Vocabulary

order

compare

place value

round

negative numbers

intervals

ten million

context

greater than

less than

digit

sequence

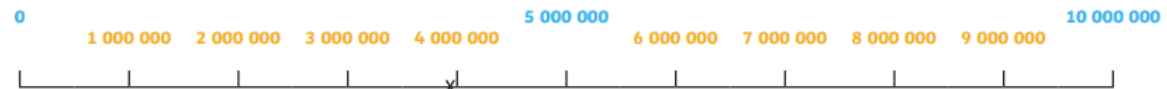
Numbers to ten million

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



Compare and order

8137209 = 8137209

1036267 > 256371

510736 < 3928371

smallest 81 782 127 352 127 835 137 019 200 002 greatest

Round any number within ten million

Rounding to the nearest 1000



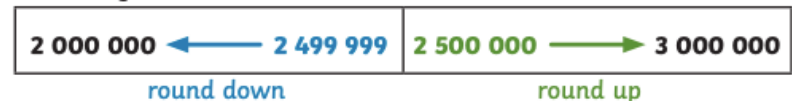
Rounding to the nearest 10 000



Rounding to the nearest 100 000

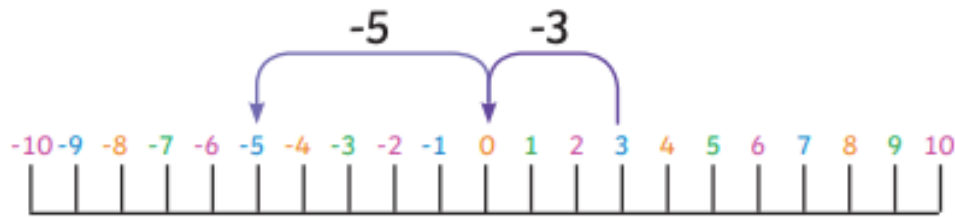


Rounding to the nearest 1 000 000

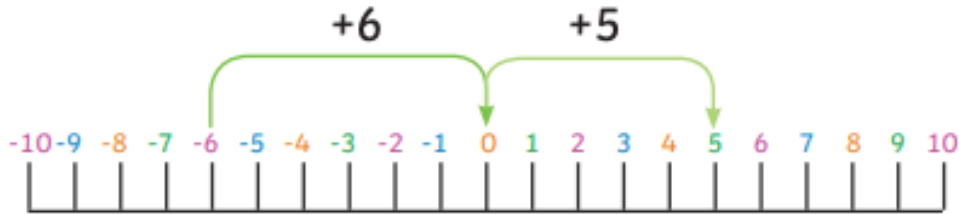


Negative numbers

$$3 - 8 = -5$$



$$-6 + 11 = 5$$



Use sandcastles (+1) and holes (-1) to calculate.
Here is an example.



Number and practical problems

Negative number problem

A company decided to build offices over ground and underground.

If we build from -20 to 20 , we will have 40 floors.



No, there would be 41 floors because you need to count floor 0

Do you agree? Explain why.

Rounding problem

Whitney rounded 2,215,678 to the nearest million and wrote 2,215,000

Can you explain to Whitney what mistake she has made?

There should be no non-zero digits in the columns after the millions column.

When solving word problems, read it through once, then underline key words to help you choose the right operation to use.