



Y5 Place Value

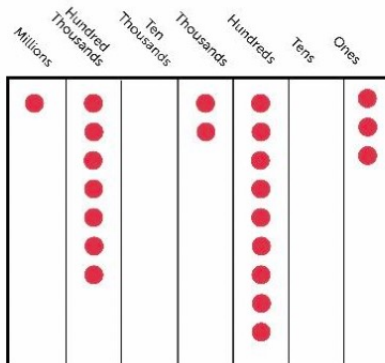
MATHS KNOWLEDGE ORGANISER



ESSENTIAL VOCABULARY

Ten thousand	5 digit number
Hundred Thousand	6 digit number
Million	7 digit number
Prime Number	A number that can only be divided equally by itself and 1.
Square Number	An integer multiplied by itself
Power of	Number of times the base number is multiplied by itself.
Integer	A positive number, negative number or zero. (not a fraction or decimal)

Maths Mastery



If you have 3 more counters, what other numbers could you make?

LINKS TO PREVIOUS LEARNING

- Extend and apply existing place value with 4 digit numbers to new number range (1,000,000)

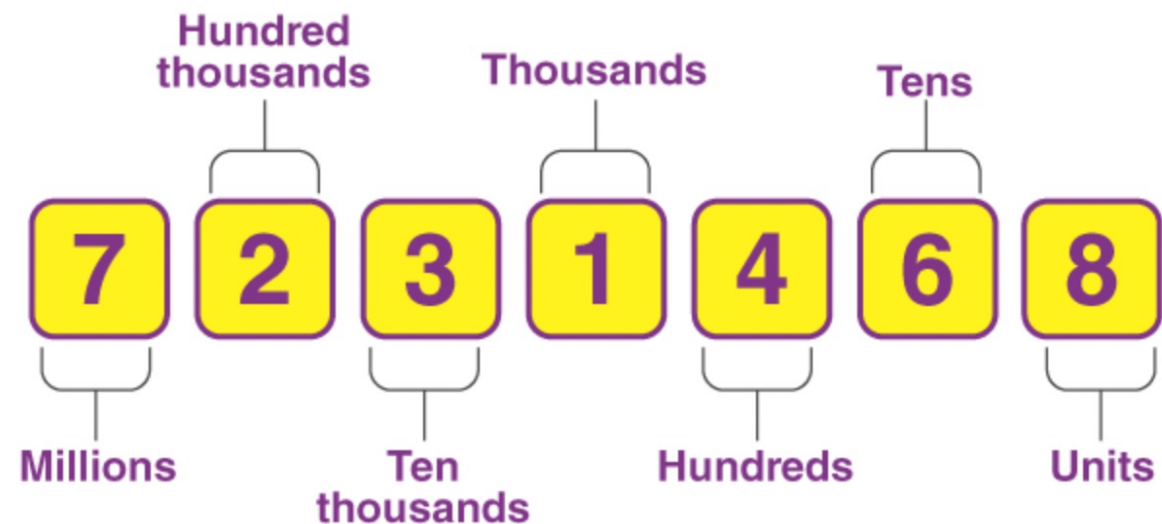
Value of digits to a million

What digit would need to change to make this number 10,000 greater / smaller?

2,456,000

What would the next number in the counting sequence be if I was counting in \square ?

How many more hundred thousands will be needed to reach 3 million?



Rounding

Round numbers to the nearest 1000 or 10,000

