

Key Vocabulary

ten million

millions

thousands

hundreds

tens

ones

zero

place value

part-part whole

additive

multiplicative

bar model

equation

addend

partition

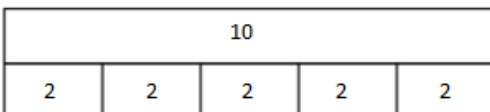
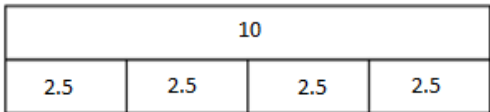
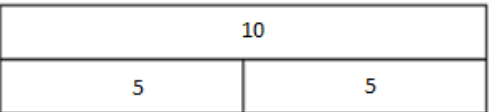
digit

difference

equal

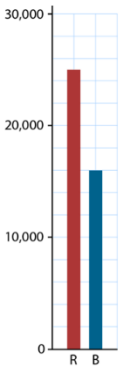
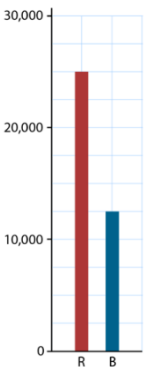
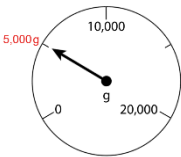
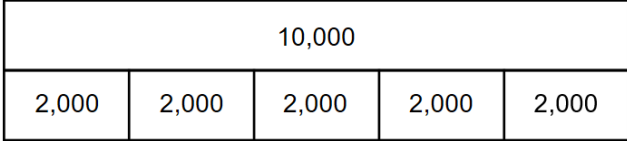
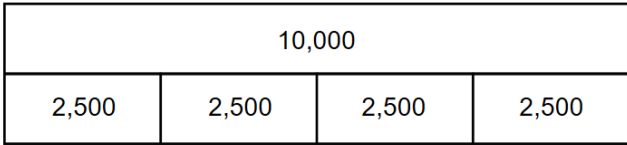
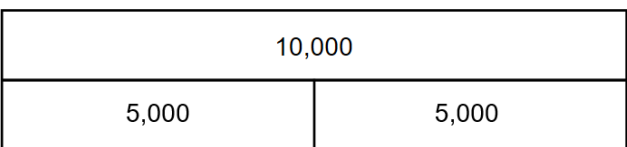
equivalent

Equal Parts



$2 \times 5 = 10$ $10 \div 2 = 5$ $\frac{1}{2} \times 10 = 5$

$5 \times 2 = 10$ $10 \div 5 = 2$ $10 \times \frac{1}{2} = 5$



Calculations


$$\begin{array}{r} 5.6 \\ + 3.72 \\ \hline ? \end{array}$$


$$\begin{array}{r} 5.6 \\ + 3.72 \\ \hline 9.32 \end{array}$$


$$\begin{array}{r} 8.73 \\ - 2.52 \\ \hline 6.21 \end{array}$$

$$\begin{array}{r} 12.60 \\ 4.00 \\ 0.24 \\ + 100.00 \\ \hline 116.84 \end{array}$$

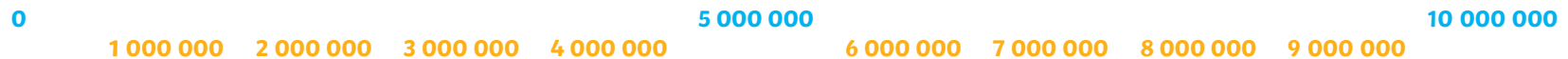
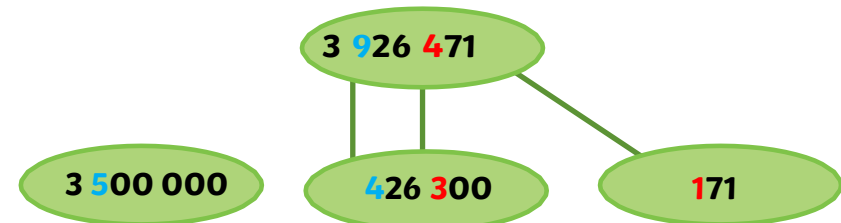
$$\begin{array}{r} \approx 592 \\ 600 - 8.23 \\ \hline 591.77 \end{array}$$

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



Multiples of 1,000

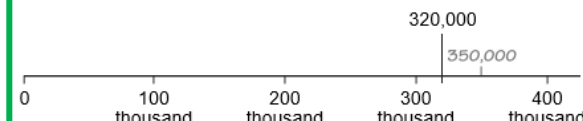
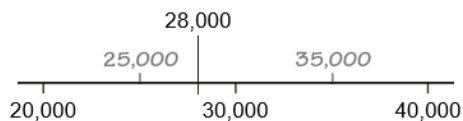
10 = 10 ones = 1 ten
 100 = 100 ones = 10 tens
 1,000 = 1,000 ones = 100 tens = 10 hundreds
 10,000 = 10,000 ones = 1,000 tens = 100 hundreds = 10 thousands
 100,000 = 100,000 ones = 10,000 tens = 1,000 hundreds = 100 thousands = 10 ten thousands
1,000,000 = 1,000,000 ones = 100,000 tens = 10,000 hundreds = **1,000 thousands** = 100 ten thousands

Number sense: How big is a million?

Unitising:

999,000 (999 thousands)

1,000,000 (1,000 thousands)



At one number per second — with no breaks, at all, for any reason — it would take **11 days, 13 hours, 45 minutes, and 40 seconds** to count from one to 1,000,000.