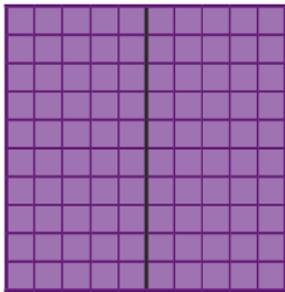


Fractions

Equivalent Fractions

To find equivalent fractions, we multiply or divide the numerator and denominator by the same number.



$$\frac{1}{2} = \frac{5}{10} = \frac{50}{100}$$

$\times 5$ $\times 10$
 $\times 5$ $\times 10$

Improper Fractions

An improper fraction has a numerator which is greater than or equal to the denominator.

$$\frac{5}{3}$$

Mixed Numbers

Mixed numbers contain a whole number and a fraction.



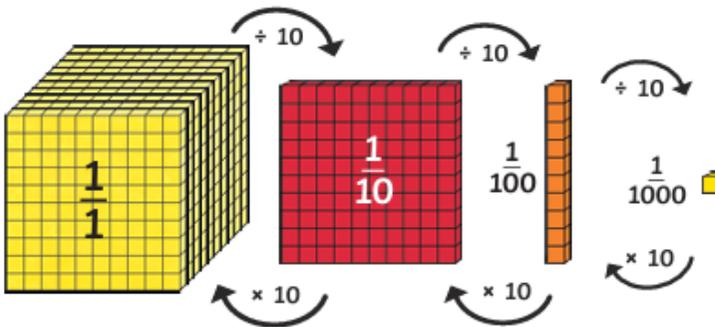
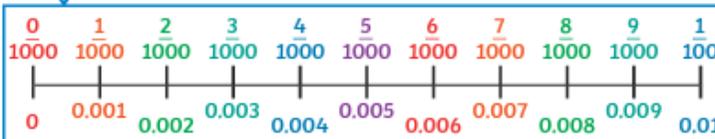
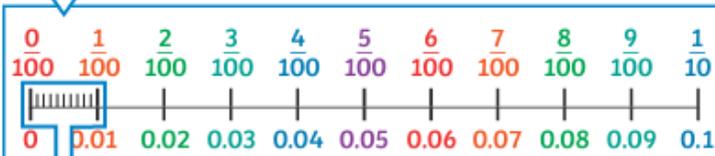
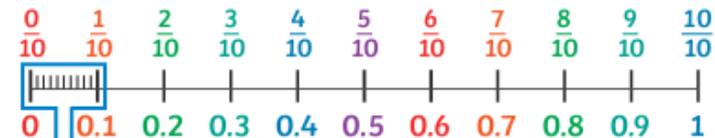
Decimal Numbers as Fractions

$$0.71 = \frac{71}{100} = \frac{7}{10} + \frac{1}{100}$$

$$0.37 = \frac{37}{100} = \frac{3}{10} + \frac{7}{100}$$

Decimals

Tenths, Hundredths and Thousandths



Adding and Subtracting Decimals

$$0.8 + 0.001 = 0.801$$

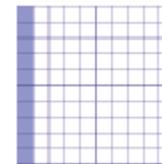
$$1.031 - 0.23 = 0.801$$

$$0.4005 + 0.4005 = 0.801$$

Percentages

10%

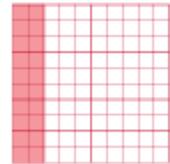
10 out of 100



$$\frac{10}{100} = \frac{1}{10} = 0.1$$

20%

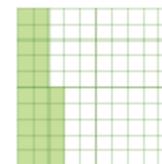
20 out of 100



$$\frac{20}{100} = \frac{1}{5} = 0.2$$

25%

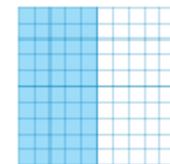
25 out of 100



$$\frac{25}{100} = \frac{1}{4} = 0.25$$

50%

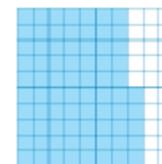
50 out of 100



$$\frac{50}{100} = \frac{1}{2} = 0.5$$

75%

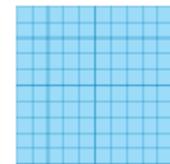
75 out of 100



$$\frac{75}{100} = \frac{3}{4} = 0.75$$

100%

100 out of 100



$$\frac{100}{100} = \frac{1}{1} = 1$$