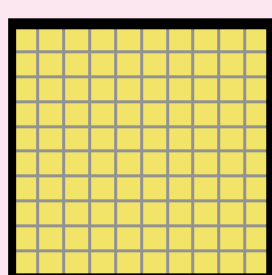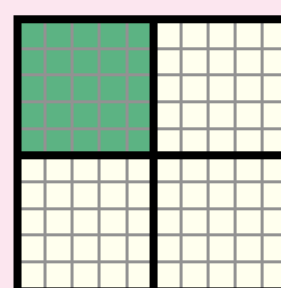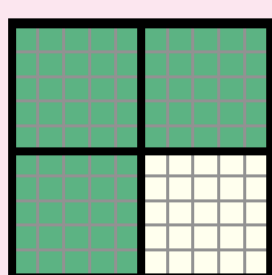# CENTURY

Fractions, Decimals and Percentages

Fractions, decimals and percentages are all ways to express part of a whole amount. Try to remember these equivalent fractions, decimals and percentages.
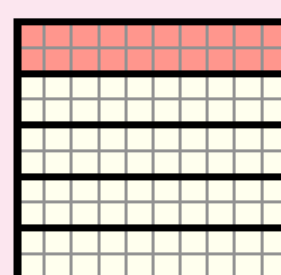
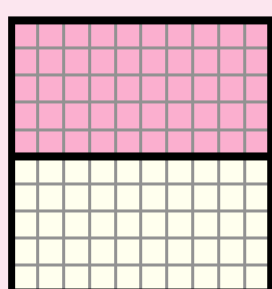$$\frac{100}{100} = 1 = 100\%$$

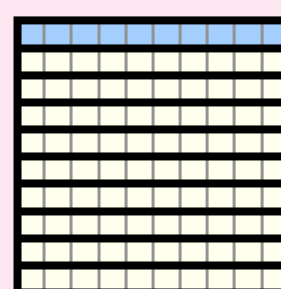$$\frac{1}{4} = 0.25 = 25\%$$

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

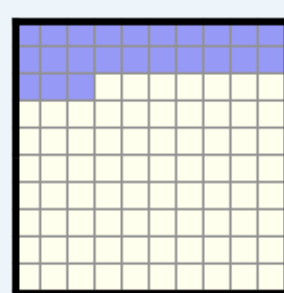$$\frac{1}{5} = 0.2 = 20\%$$

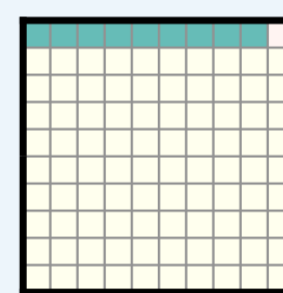$$\frac{1}{2} = 0.5 = 50\%$$

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

If the fraction's denominator is 100, finding the equivalent decimal and percentage is nice and simple.

$$\frac{23}{100} = 0.23 = 23\%$$

$$\frac{9}{100} = 0.09 = 9\%$$

If the fraction's denominator is not 100, converting the fraction so that it is 100 can help you to find the equivalent decimal and percentage.

$$\frac{4}{20} \overset{\times 5}{\underset{\times 5}{=}} \frac{20}{100} = 0.2 = 20\%$$

$$\frac{12}{25} \overset{\times 4}{\underset{\times 4}{=}} \frac{48}{100} = 0.48 = 48\%$$