LIONHEART EDUCATIONAL TRUST
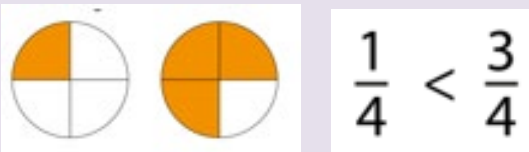
Compare Fractions

$$\frac{1}{4} < \frac{3}{4}$$

When **denominators** are the same, the **greater the numerator**, the **larger** the fraction

$$\frac{1}{4} > \frac{1}{5}$$
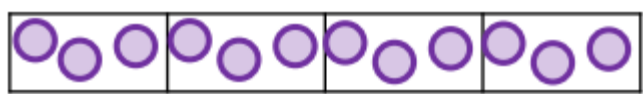
When **numerators** are the same, the **greater the denominator**, the **smaller** the fraction

Equivalent Fractions

$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12}$$

$$\frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16} = \frac{5}{20}$$
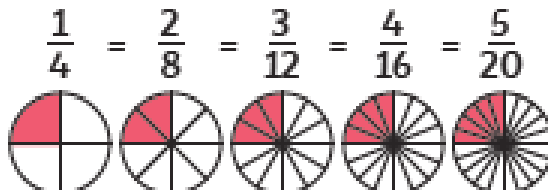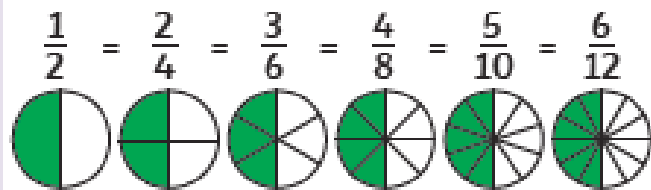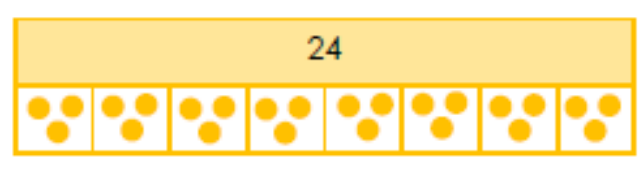
Find Fractions of Amounts

$$\frac{1}{4} \text{ of } 12 = 3 \qquad 12 \div 4 = 3$$

24

$$\frac{1}{8} \text{ of } 24 = 3 \qquad \frac{2}{8} \text{ of } 24 = 6$$

Counting in tenths

$$0 \quad \frac{1}{10} \quad \frac{2}{10} \quad \frac{3}{10} \quad \frac{4}{10} \quad \frac{5}{10} \quad \frac{6}{10} \quad \frac{7}{10} \quad \frac{8}{10} \quad \frac{9}{10} \quad 1$$
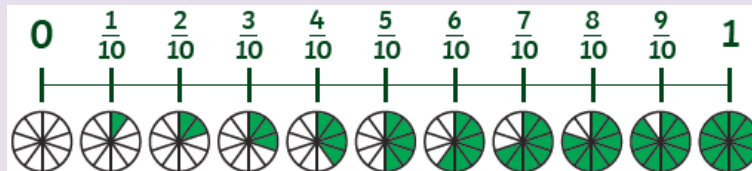
Vocabulary

fraction	Represents part of a whole
whole	All of something: a whole shape, a whole pizza
numerator	The top number in a fraction. Shows how many parts we have
denominator	The bottom number in a fraction. Shows how many equal parts in the whole
unit fraction	A fraction with a numerator of 1
non-unit fraction	A fraction with a numerator that is not equal to 1
equivalent fraction	Fractions have the same value, even though they may look different

Adding and Subtracting Fractions

$$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$$

$$\frac{5}{6} - \frac{2}{6} = \frac{3}{6}$$