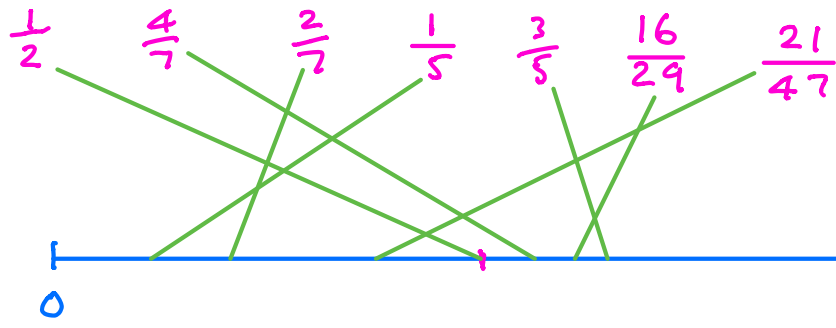See The Maths Teacher lesson notes for increasing or decreasing by a given percentage or expressing one quantity as a percentage of another.

Ordering Fractions

Estimate where these fractions are on a number line

$$\frac{1}{2} \quad \frac{4}{7} \quad \frac{2}{7} \quad \frac{1}{5} \quad \frac{3}{5} \quad \frac{16}{29} \quad \frac{21}{47}$$

Put in order of size, smallest first

$$\frac{5}{8} , \frac{3}{5} , \frac{1}{4} , \frac{2}{7} , \frac{1}{2}$$

$$\frac{1}{4} , \frac{2}{7} , \frac{1}{2} , \frac{3}{5} , \frac{5}{8}$$

$$\frac{1}{4} = \frac{7}{28}$$

$$\frac{2}{7} = \frac{8}{28}$$

$$\frac{5}{8} = \frac{25}{40}$$

To compare fractions
put them on a common denominator

$$\frac{3}{5} = \frac{24}{40}$$