

e.g. $12 : 4 = 3 : 1$ (divide both terms by 4)

$$1\frac{1}{2} : 1\frac{1}{4} = \frac{3}{2} : \frac{5}{4}$$

$$= \frac{6}{4} : \frac{5}{4}$$

$$= 6 : 5$$

(multiply both terms by 4)

$$1.5 : 0.5 = 15 : 5$$
$$= 3 : 1$$

(multiply both terms by 10,
then divide both terms by 5)