

$$SI_1 = 2 \times SI_2$$

$$\Rightarrow \frac{P_1 \times 7 \times 6}{\cancel{100}} = \frac{2 \times P_1 \times 9 \times 5}{\cancel{100}}$$

$$42 P_1 = 90 P_2$$

$$\frac{P_1}{P_2} = \frac{90}{42} = \frac{30}{14} = \frac{15}{\cancel{7}} \quad \frac{15}{7}$$

$$\Rightarrow \underline{\underline{P_1 : P_2 = 15 : 7}}$$