

04/04

$$1. \text{ 1d of P} = \frac{1}{20}$$

$$\text{1d of Q} = \frac{1}{30}$$

$$\text{1d of R} = \frac{1}{60}$$

for 3 days

$$\frac{3}{20} + \left(\frac{1}{30} + \frac{1}{60} \right)$$

$$\Rightarrow \frac{3^3}{20} + \frac{3}{60}$$

$$\Rightarrow \frac{9}{20} + \frac{3}{60} \Rightarrow \frac{12}{20} = \frac{3}{5}$$

for 15 days \Rightarrow All work will done

$$a. \quad \frac{N \times h \times D}{\text{Prod}} = \frac{N \times h \times D}{\text{Prod}}$$

$$\frac{\cancel{20} \times \cancel{10} \times \cancel{15}^3}{\cancel{20}} = \frac{\cancel{25} \times \cancel{20} \times D}{\cancel{20}}$$

$$D = 9 \text{ days}$$