

Q6/04

1. 12m/18b build a wall in 48 days

↓
6m/8b build a wall in x days

logically

$$2 \cdot \frac{12}{18} \div \frac{18}{9} = \frac{48}{x} = 12$$

$$\boxed{x = 96 \text{ days}}$$

when work ↓, days ↑.

Q.

Akash did in 45 days (100%)

Vishal is 200% ↑ expert than Akash
(more)

$$\rightarrow 100\% + 200\% \rightarrow \boxed{300\%}$$

$$100\% = 45$$

$$300\% \Rightarrow \frac{45}{3} \Rightarrow \boxed{15 \text{ days}}$$