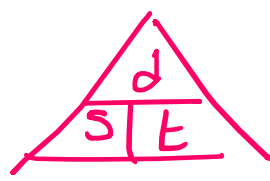


Q1 $S = 6 \text{ km/s}$ $t = 2 \text{ min}$

$\downarrow$
1000

$2 \times 60 = 120 \text{ sec}$

$$S = \frac{d}{t}$$


$$d = S \times t$$

$$6 \times 120 = 720 \text{ km}$$

Q

$d = 2.4 \text{ km}$ $t = 12 \text{ min.}$

$\downarrow$ $\downarrow$

2400 m $12 \times 60 = 720 \text{ s}$

$$S = \frac{2400}{720} = 3.33 \text{ m/s}$$

$$S = \frac{d}{t}$$