

Travis walks at a speed of 3.5 km/hr for a total of 0.68 hr. Determine the distance travelled in this time.

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

$$(0.68 \text{ hr}) \times (3.5 \text{ km/hr}) = 2.38 \text{ km}$$

$= 2.4 \text{ km}$

Determine the amount of **time** it takes Beth to travel 44.0 km if she is biking at a speed of 6.20 km/hr.

$$t \times s = \frac{d}{t} \times t$$

$$\frac{t \times s}{s} = \frac{d}{s}$$

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

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

$$= \frac{44.0 \text{ km}}{6.20 \text{ km/hr}}$$

$$= 7.10 \text{ hr}$$

If Josh drives at a speed of 74.5 km/hr for a total of 35 min, how far does he travel?

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

$$S = 74.5 \text{ km/hr}$$

$$t = 35 \text{ min}$$

$$35 \text{ min} \div 60 = 0.58\bar{3} \text{ hr}$$

$$1 \text{ hr} = 60 \text{ min}$$

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

$$t \times S = d$$

$$(0.58\bar{3} \text{ hr})(74.5 \text{ km/hr}) = 43.5$$

km

Attachments

pg 358 #1,3c,4,7,11.notebook

average speed ex 1.notebook

average speed ex 2 answers.notebook

answers pg 358 #1,3c,d,4,8.notebook