

# Check Homework

M'chi.  
X



Moneton  
X



$$3.a) \ t = 6.0h$$

$$d = 31km$$

$$v = ?$$

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

$$5.16667$$

$$v = \frac{31km}{6.0h}$$

$$v = 5.2 \text{ km/h}$$

Example:

Johnny is travelling in a car at an average speed of 85.0 km/h. How long will it take him to travel a distance of 218 km?

$$v = 85.0 \text{ km/h}$$

$$d = 218 \text{ km}$$

$$t = ?$$

$$\frac{v}{1} = \frac{d}{t}$$

$$vt = d$$

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

$$t = \frac{218 \text{ km}}{85.0 \text{ km/h}}$$

$$t = 2.56 \text{ h}$$

Example:

A car is travelling at a speed of 95.0 km/h for a period of 30 minutes. How far does the car travel?

$$v = 95.0 \text{ km/h}$$

$$t = 30. \text{ min}$$

$$d = ?$$

$$30. \text{ min} \times \frac{1 \text{ h}}{60 \text{ min}} = 0.50 \text{ h}$$

$$d = v \times t$$

$$d = (95.0 \text{ km/h}) \times (0.50 \text{ h})$$

$$d = 48 \text{ km}$$

# Homework

p. 358 #3c-7a (Omit 5)

## Attachments

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pg 349 3,4,6,7,9 answers.notebook