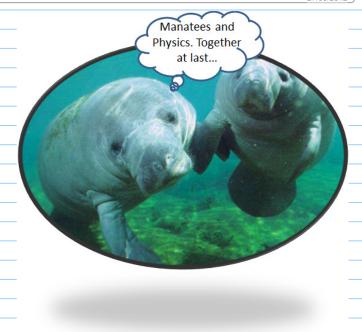
Note Title

1) A manatee (a what?) can travel at a top speed of 38 km/h. If it sees some delicious grass 65 m to the West, how long will it take to reach it at this speed?

- 2) Another manatee (really?) travels 320 m. North and then 140 m South in 48 s.
- a. What is its average speed?
- b. What is its average velocity?



1.)
$$V = 38 \text{ km/h} \div 3.6 = 10.56 \text{ m/s}$$

$$d = 65 \text{ m}$$

$$t = ?$$

$$t = d = 65 \text{ m}$$

$$V = d \cdot t$$

$$V = d$$

$$V = d \cdot t$$

$$V = d$$

$$V = d \cdot t$$

$$V = d$$

$$V = d \cdot t$$

$$V$$

$$V = \frac{d}{d} \cdot \frac{1}{V} \quad \frac{V \cdot 1}{V} = \frac{d}{V} \quad \frac{10.56 \, \text{m/s}}{V} = \frac{6.2 \, \text{s}}{V}$$

2.) a.
$$V = \frac{d}{f} = \frac{(320 + 140)n}{48} = 9.6 \text{ m/s}$$