

Question #64467, Physics / Other

A manatee travels from a position 320m north to 140m south. This trip was done in 1800 seconds. Determine its average velocity.

**Solution**

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

$$d = 320 + 140 = 460 \text{ m};$$

$$v = \frac{460}{1800} = 0.26 \text{ m/s}$$

**Answer:** 0.26 m/s.

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