Answer on Question #71103 – Math – Algebra

Question

A garden snail travels at a speed of 2.8×10^{-3} meters per second. How far, in meters, would a garden snail travel in 90 seconds?

Solution

In order to determine the distance that the garden snail will travel in 90 seconds at a constant speed of 2.8×10^{-3} m / s, it is necessary to use the following formula:

$$S = V \times t,$$

where V is speed, t is time.
Substituting one gets

$$S = 0.0028 \times 90 = 0.252\, m.$$

Answer: 0.252 meters.