

Answer on the question #63886, Chemistry / General Chemistry

Question:

If a migrating loon flies at an average speed of 20 m/s what is its average speed in Km/hr?

Answer :

To convert m/s in km/hr, we should divide the value by 1000 (because of the kilo) and multiply it by 3600 (because the distance per 1 hour is 3600 bigger than the distance per 1 second) :

$$20 \left(\frac{m}{s} \right) = \frac{20 \cdot 3600}{1000} \left(\frac{m}{hr} \right) = 72 \left(\frac{m}{hr} \right)$$