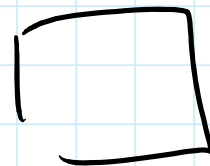


IS	IS NOT
Velocity, speed electricity gravity equation, formula forces fission fusion energy	animals/plants cells figured out completely

Problem Solving

- 1) Read
- 2) Diagram
- 3) Knowns
- 4) unknown
- 5) Equation
- 6) Rearrange
- 7) substitute
- 8) Solve
- 9) Check
- 10) Highlight



Sig. fig.

93,427 km
 5 sig fig
 93400

94000
 93000
 2 sig fig

$$d = v \cdot t$$

$$= (20 \text{ m/s}) (30 \text{ s}) = \boxed{600 \text{ m}}$$

$$v = \frac{d}{t} = \frac{200 \text{ m}}{30 \text{ s}}$$

$$= 6.66667 \text{ m/s}$$

$$\boxed{3 =}$$

$$= 6.66667 \text{ m/s}$$

$$= 6.7 \text{ m/s}$$

Sci. Not.

$$\underline{93400} = \frac{9.34}{1-10} \times \underline{10^4} = 9.34 \times 10^4$$

$$\underline{.0021345} = \underline{2.1} \times \underline{10^{-3}}$$

speed of light $300,000,000 \text{ m/s} = \underline{3.0} \times \underline{10^8} \text{ m/s}$

radius of earth $6,380,000 \text{ m} = 6.4 \times 10^6 \text{ m}$

$$\text{ex) } \frac{(6.32 \times 10^7)(4.2 \times 10^{-11})}{7 \times 10^9} =$$

\boxed{EE} \boxed{EXP}

$\boxed{\times 10^x}$

~~\boxed{A}~~

~~$\boxed{10}$~~