

# *Velocity Review 3*

## Conceptual Physics Chpt. 3 rev 2

$$v_{\text{light}} = 3.0 \times 10^8 \text{ m/s}$$

$$v_{\text{sound}} = 340. \text{ m/s}$$

$$\text{accel of gravity} = -9.8 \text{ m/s}^2$$

1. How far away is the sun if it takes light 8.33 minutes to reach the earth once it leaves the sun?
2. How fast does light travel in mph?
3. How fast does light travel in km/hr?

R 2

4. You run at 8.8 m/s. How fast is that in mph?.....in km/hr