

1.5.

$$\frac{40 \text{ words}}{\text{minute}} \cdot \frac{(5+1) \text{ Characters}}{1 \text{ Word}} \cdot \frac{1 \text{ byte}}{\text{character}} \cdot \frac{8 \text{ bits}}{\text{byte}} = 1,920 \frac{\text{bit}}{\text{min}}$$

$$1,920 \frac{\text{bit}}{\text{min}} \cdot \frac{1 \text{ min}}{60 \text{ sec}} = 32 \frac{\text{bits}}{\text{second}}$$

1.13. What two decimals does the UPC symbol in Figure 1.27 represent?

$$\begin{array}{ccc} 1100110 & 1110100 & \\ 102 & 116 & \end{array} = 14$$

1.17 b. List the fraternity members who are English majors.

Select F. Name. where Major = "English"

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