

$$\begin{array}{r} 560 \\ 75 \\ \hline 635 \end{array}$$

$$1 \text{ hour} = 60 \text{ min} = 3600 \text{ sec}$$

$$2000 \text{ mph} = 1 \text{ mile in } \frac{3600}{2000} = \frac{36}{20} = \frac{9}{5} = 1\frac{4}{5} \text{ sec}$$

$$= 5280 \text{ ft in } 1\frac{4}{5} \text{ sec} = 587 \text{ ft in } \frac{1}{5} \text{ sec}$$

$$= 2935 \text{ ft. sec}$$