

$$V = 685 \text{ bu}$$

$$t = 32 \text{ min}$$

$$\text{Rate} = \frac{685 \text{ bu}}{32 \text{ min}} \cdot \frac{8 \text{ gal}}{1 \text{ bu}} \cdot \frac{1 \text{ min}}{60 \text{ sec}}$$

$$\boxed{\text{Rate} = 2.85 \text{ gal/sec}}$$