

Written work has been returned. I didn't drill too deeply. Main thing was to warn people not to put problems next to each other.

(Work in one column, only)

and not to waste time on the calculator. Put off all the calculator work to the end. There aren't that many points in the button-pushing part, compared to the ideas part.

30-inch diameter, $100 \frac{\text{revs}}{\text{min}}$, Find speed in $\frac{\text{mi}}{\text{hr}}$

$$\left(\frac{100 \cancel{\text{revs}}}{\cancel{\text{min}}} \right) \left(\frac{2\pi}{1 \cancel{\text{rev}}} \right) \left(15 \cancel{\text{ft}} \right) \left(\frac{60 \cancel{\text{min}}}{1 \text{hr}} \right) \left(\frac{1 \cancel{\text{ft}}}{12 \cancel{\text{ft}}} \right) \left(\frac{1 \text{mi}}{5280 \cancel{\text{ft}}} \right)$$