

Exercise 84.]

KEY.

249

(43)

278 yds. 3 qrs. 1 na. 2 in.

$$\begin{array}{r}
 4 \\
 \hline
 1115 \text{ qrs.} \\
 4 \\
 \hline
 4461 \text{ na.} \\
 2\frac{1}{2} \\
 \hline
 8924 \\
 1115\frac{1}{2} \\
 \hline
 10039\frac{1}{2} \text{ inches}
 \end{array}$$

(44)

$\frac{2}{7}$ of $3\frac{1}{4}$ of $6\frac{1}{2}$ of $8\frac{1}{2}$ of $\frac{9\frac{1}{2}}{11\frac{1}{2}}$ of $\frac{8\frac{1}{2}}{17\frac{1}{2}}$ of $\cdot 9$ of $\frac{2}{5}$ of $\cdot 63$

$$= \frac{2}{7} \times \frac{13}{4} \times \frac{13}{2} \times \frac{25}{3} \times \frac{19}{34} \times \frac{17}{25} \times \frac{9}{10} \times \frac{2}{5} \times \frac{63}{100}$$

$$= \frac{2}{7} \times \frac{13}{4} \times \frac{13}{2} \times \frac{25}{3} \times \frac{57}{68} \times \frac{17}{35} \times \frac{9}{10} \times \frac{2}{5} \times \frac{63}{100}$$

$$= \frac{13 \times 13 \times 57 \times 9 \times 9}{7 \times 4 \times 4 \times 10 \times 100} = \frac{782273}{112000} = 6\frac{108273}{112000}$$

ft. in.
2 36

4 72

6 108

4 72

2 36