

Name _____

Date _____

Estimate first, and then solve using the standard algorithm. Show how you rename the divisor as a whole number.

1. $6.39 \div 0.09 \approx 630 \div 9 = 70$

$$\frac{6.39}{0.09} \times \frac{100}{100} = \frac{639}{9} = 71$$

$$\begin{array}{r} 71 \\ 9 \overline{)639} \\ \underline{63} \\ 09 \\ \underline{09} \\ 0 \end{array}$$

2. $82.14 \div 0.6 \approx 840 \div 6 = 140$

$$\frac{82.14}{0.6} \times \frac{10}{10} = \frac{821.4}{6} = 136.9$$

$$\begin{array}{r} 136.9 \\ 6 \overline{)821.4} \\ \underline{-6} \\ 22 \\ \underline{-18} \\ 41 \\ \underline{-36} \\ 54 \\ \underline{-54} \\ 0 \end{array}$$