Name

Date _____

1. Estimate, then divide. An example has been done for you.

$$78.4 \div 0.7 \approx 770 \div 7 = 110$$

$$= \frac{78.4}{0.7}$$

$$= \frac{78.4 \times 10}{0.7 \times 10}$$

$$= \frac{78.4}{7}$$

$$= 112$$

$$a. 61.6 \div 0.8 = \frac{61.6}{0.8} \approx \frac{640}{8} = 80$$

$$8 \frac{161.6}{56} = \frac{61.6}{0.8} \approx \frac{100}{8} = 80$$

$$7 \frac{8 \cdot 2}{7}$$

$$\frac{7}{14}$$

$$= \frac{-14}{0}$$

$$b. 5.74 \div 0.7 = \frac{5.74}{0.7} \approx \frac{56}{7} = 8$$

$$7 \frac{8 \cdot 2}{157.4}$$

$$= \frac{5.74}{0.7} \approx \frac{56}{10} = 8$$

$$7 \frac{8 \cdot 2}{157.4}$$

$$= \frac{5.74}{0.7} \approx \frac{10}{10}$$

$$7 \frac{8 \cdot 2}{157.4}$$

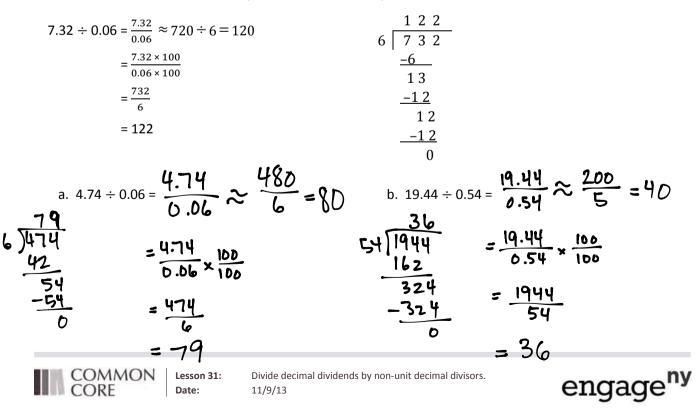
$$= \frac{5.74}{0.7} \approx \frac{10}{10}$$

$$= \frac{57.4}{0.7} \approx \frac{10}{10}$$

$$= \frac{57.4}{7}$$

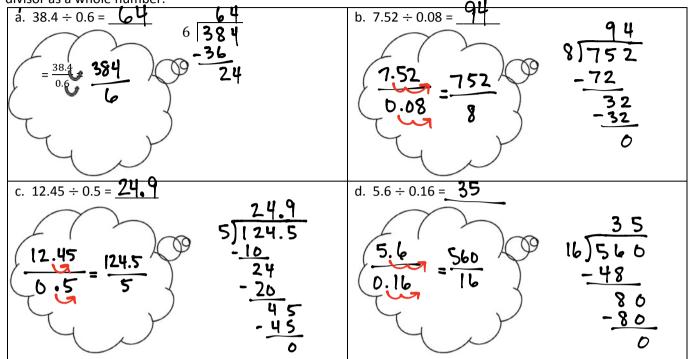
$$= \frac{57.4}{7} = 8$$

2. Estimate, then divide. An example has been done for you.



4.G.98

3. Solve using the standard algorithm. Use the thought bubble to show your thinking as you rename the divisor as a whole number.



4. Lucia is making a 21.6 centimeter beaded string to hang in the window. She decides to put a green bead every 0.4 centimeters and a purple bead every 0.6 centimeters. How many green beads and how many purple beads will she need?

