

Name _____

Date _____

1. Rewrite the division expression as a fraction, and divide. The first two have been started for you.

<p>a. $2.4 \div 0.8 = \frac{2.4}{0.8}$</p> <p>$= \frac{2.4 \times 10}{0.8 \times 10}$</p> <p>$= \frac{24}{8}$</p> <p>$=$</p>	<p>b. $2.4 \div 0.08 = \frac{2.4}{0.08}$</p> <p>$= \frac{2.4 \times 100}{0.08 \times 100}$</p> <p>$= \frac{240}{8}$</p> <p>$=$</p>
<p>c. $4.8 \div 0.6 =$</p>	<p>d. $0.48 \div 0.06 =$</p>
<p>e. $8.4 \div 0.7 =$</p>	<p>f. $0.84 \div 0.07 =$</p>
<p>g. $4.5 \div 1.5 =$</p>	<p>h. $0.45 \div 0.15 =$</p>

i. $14.4 \div 1.2 =$	j. $1.44 \div 0.12 =$
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2. Leann says $18 \div 6 = 3$, so $1.8 \div 0.6 = 0.3$ and $0.18 \div 0.06 = 0.03$. Is Leann correct? How would you explain how to solve these division problems?
3. Denise is making bean bags. She has 6.4 pounds of beans.
- If she makes each bean bag 0.8 pounds, how many bean bags will she be able to make?
 - If she decides instead to make mini bean bags that are half as heavy, how many can she make?
4. A restaurant's small salt shakers contain 0.6 ounces of salt. Its large shakers hold twice as much. The shakers are filled from a container that has 18.6 ounces of salt. If 8 large shakers are filled, how many small shakers can be filled with the remaining salt?