Homework

Multiply or divide.

1. $1.5 \times 5 =$ _____

2. $0.4 \times 0.05 =$ _____

3. $0.004 \times 0.03 =$ _____

4. $\begin{array}{r} 0.55 \\ \times\ 0.07 \\ \hline \end{array}$

5. $\begin{array}{r} 0.25 \\ \times\ 0.12 \\ \hline \end{array}$

6. $\begin{array}{r} 22.3 \\ \times\ 6.2 \\ \hline \end{array}$

7. $\begin{array}{r} 20.8 \\ \times\ 0.26 \\ \hline \end{array}$

8. $0.3\overline{)0.108}$

9. $0.11\overline{)407}$

10. $0.67\overline{)32.16}$

11. $0.44\overline{)105.6}$

For each problem, decide whether you need to multiply or divide. Then solve. Explain how you know your answer is reasonable.

Show your work.

12. Harriet makes yo-yos. She needs 38 inches of string for each yo-yo. How many yo-yos can she make with 875 inches of string? How many inches of string will be left over?

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13. Roberto will save $\frac{1}{6}$ of his allowance each day. If he gets $2.00 a day, about how much money will he save each day? Round your answer to the nearest penny.

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14. Raisins cost $0.97 per pound. Michael bought $15.52 worth of raisins. How many pounds of raisins did he buy?

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Distinguish Between Multiplication and Division **117**