Name _____   **Date** _____

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?

_____

_____

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.

_____

_____

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

_____

_____

Distinguish Between Multiplication and Division **117**

Multiply.

1   47
    × 7

2   181
    × 3

3   4,609
    × 5

4   2,115
    × 6

5   86
   × 75

6   22
   × 15

7   53
   × 25

8   38
   × 36

Divide.

9 0.06)‾24‾

10 0.3)‾228.6‾

11 0.08)‾28.4‾

Tell whether you need to multiply or divide. Then solve.

Show your work.

12 A rectangle has an area of 4 square meters. The width is $\frac{1}{5}$ meter. What is the length of the rectangle?

_____

13 Audubon Preschool has 154 children in one age group. One seventh of those children arrive for early morning drop off. How many children arrive for early morning drop off?

_____

14 **Stretch Your Thinking** Write a division word problem that requires dividing two decimals to solve. Write a multiplication equation to check your answer.

_____

_____

_____

Distinguish Between Multiplication and Division