9–1 Name Date

Remembering

Multiply or divide. You may need a separate sheet of paper.

1. 38×0.69
2. 0.75×54
3. $0.8\overline{)7.76}$
4. $0.13\overline{)0.754}$
5. 42×1.6
6. 0.15×63
7. $0.4\overline{)0.168}$
8. $0.24\overline{)0.336}$

Find the prime factorization for each number.

9. 42
10. 75
11. 86

Write whether each is a measurement of length, area, or volume.

12. the amount of gravel in a dump truck _____
13. the distance between two houses _____
14. the amount of floor covered by a rug _____
15. the amount of air in a room _____

Write each measurement using a number and a symbol.

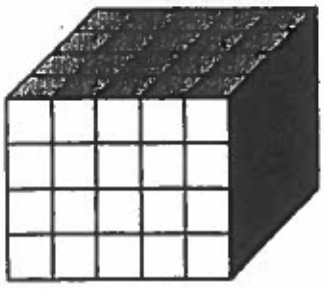
16. 32 hundredths of a centimeter _____
17. 7 tenths of a millimeter _____
18. 62 thousandths of a decimeter _____

Example:

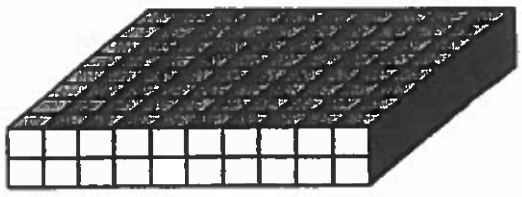
9 tenths of a decimeter = 0.9 dm

Find the number of cubes. Show your work.

19.



20.



9–1 Name _____ Date _____

Homework

Solve. Write a multiplication equation for each problem.

Miguel swam 6 lengths of the pool. Po Lan swam 3 times as far as Miguel. Lionel swam $\frac{1}{3}$ as far as Miguel.

1. How many lengths did Po Lan swim? _____ Write the equation. _____

2. How many lengths did Lionel swim? _____ Write the equation. _____

Chris cut a length of rope that was 12 feet long. Dayna cut one that was 4 times as long as Chris's rope. Benita cut one that was $\frac{1}{4}$ as long as Chris's rope.

3. How long is Dayna's rope? _____ Write the equation.
_____

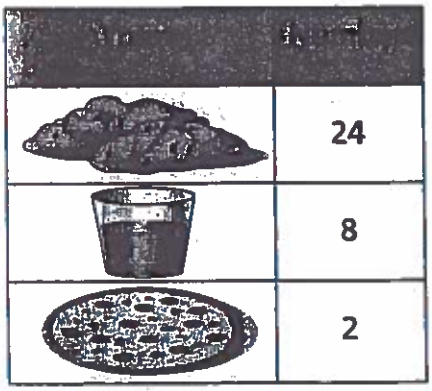
4. How long is Benita's rope? _____ Write the equation.
_____

Write two statements for each pair of treats. Use the word *times*.

5. Compare cookies and drinks.
_____
_____

6. Compare drinks and pizzas.
_____
_____

7. Compare cookies and pizzas.
_____
_____



Solve.

8. $\frac{1}{3} \times 18 =$ _____
9. $\frac{1}{4}$ of $12 =$ _____
10. $\frac{1}{8} \times 32 =$ _____
11. $\frac{1}{9}$ of $27 =$ _____
12. $\frac{1}{8} \times 56 =$ _____
13. $\frac{1}{3}$ of $15 =$ _____
14. $\frac{1}{6} \times 54 =$ _____
15. $\frac{1}{5} \times 35 =$ _____
16. $\frac{1}{10}$ of $60 =$ _____