

## DIVIDING FRACTIONS I

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Due Date: \_\_\_\_\_

Family Member Signature: \_\_\_\_\_

### Objective:

To practice dividing fractions using language and logic.

### Necessary Information:

In class we have been completing a progression of division problems. In each question, we convert the mathematical statement to a language statement.

Eg.  $80 \div 20$  We read this as "How many groups of 20 go into 80?"

Answer: 4

Students should be reading every math question using the language equivalent. We are also saying decimals properly using the place value system.

### Practice Section:

1)  $150 \div 3$       How many groups of \_\_\_\_\_ in \_\_\_\_\_?      Answer: \_\_\_\_\_

2)  $2400 \div 600$       How many groups of \_\_\_\_\_ in \_\_\_\_\_?      Answer: \_\_\_\_\_

3)  $1.6 \div 0.8$       How many groups of \_\_\_\_\_ in \_\_\_\_\_?      Answer: \_\_\_\_\_

4)  $0.30 \div 0.05$       How many groups of \_\_\_\_\_ in \_\_\_\_\_?      Answer: \_\_\_\_\_

5)  $\frac{7}{10} \div 0.7$       How many groups of \_\_\_\_\_ in \_\_\_\_\_?      Answer: \_\_\_\_\_

6)  $1\frac{2}{10} \div \frac{1}{10}$       How many groups of \_\_\_\_\_ in \_\_\_\_\_?      Answer: \_\_\_\_\_

7)  $\frac{15}{10} \div \frac{1}{10}$       How many groups of \_\_\_\_\_ in \_\_\_\_\_?      Answer: \_\_\_\_\_

8)  $1 \div \frac{1}{10}$       How many groups of \_\_\_\_\_ in \_\_\_\_\_?      Answer: \_\_\_\_\_

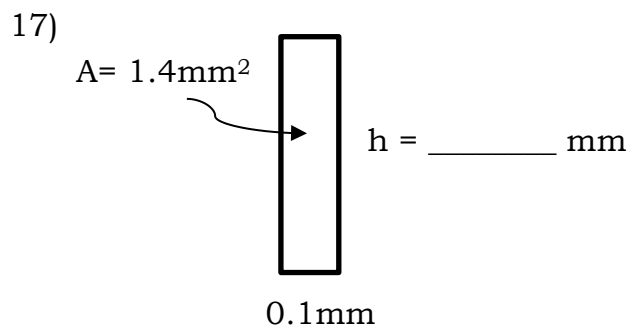
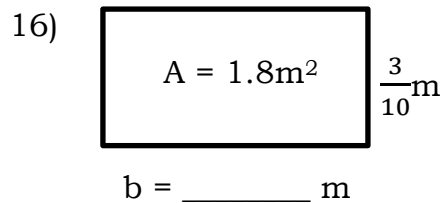
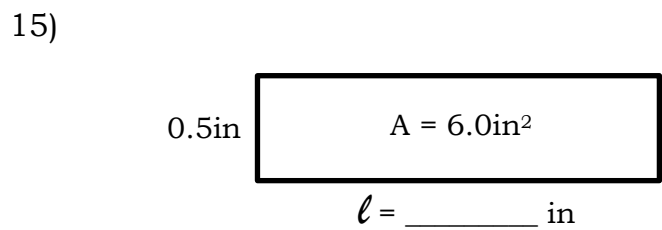
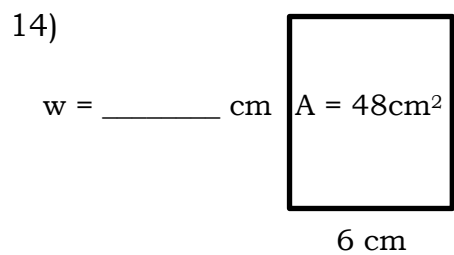
9)  $\frac{9}{10} \div \frac{3}{10}$       How many groups of \_\_\_\_\_ in \_\_\_\_\_?      Answer: \_\_\_\_\_

10)  $1\frac{5}{10} \div \frac{1}{2}$  How many groups of \_\_\_\_\_ in \_\_\_\_\_? Answer: \_\_\_\_\_

11)  $4.2 \div \frac{6}{10}$  How many groups of \_\_\_\_\_ in \_\_\_\_\_? Answer: \_\_\_\_\_

12)  $\frac{25}{100} \div \frac{5}{100}$  How many groups of \_\_\_\_\_ in \_\_\_\_\_? Answer: \_\_\_\_\_

13)  $1.2 \div \frac{3}{100}$  How many groups of \_\_\_\_\_ in \_\_\_\_\_? Answer: \_\_\_\_\_



**In Your Real World:**

With a family member answer the following question.

The area of your rectangular garden is  $36\text{ft}^2$ . The length of one side is 4ft.

What is the length of the other side? \_\_\_\_\_

What is the perimeter of the garden? \_\_\_\_\_