



LESSON 10

Use Fraction Division Vocabulary

What You Need

- Recording Sheet

What You Do

- 1 Read the word problem on the **Recording Sheet**. Think about how to solve it.
- 2 Read the paragraphs that tell how to solve the problem.
- 3 Use words from the word bank and numbers from the number bank to fill in the blanks. You may use some words and numbers more than once.
- 4 Take turns. After you fill in a blank, the next group member fills in the next one.
- 5 When all the blanks are filled in, read the paragraphs aloud. Do they make sense?
- 6 Fix any mistakes if you need to.

KEEP IN MIND . . .

You might change your mind after you fill in some blanks. It's okay to erase!



Check Understanding

Use fraction division vocabulary to explain how to find $2\frac{5}{6} \div 1\frac{1}{2}$.



Go Further

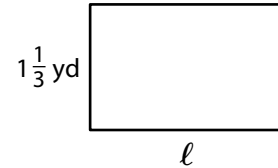
Circle the words on the **Recording Sheet** that you did not use. On a separate sheet of paper, write two sentences using each word you circled.



Use Fraction Division Vocabulary

RECORDING SHEET

► A rectangular garden has an area of $3\frac{2}{3}$ yd² and a width of $1\frac{1}{3}$ yd. What is the length, ℓ , of the garden?



I know that Area = length \times _____. I can use what is given to write a _____ equation with an unknown factor:

$$\text{_____} = \ell \times \text{_____}$$

Next, I use _____ to find the unknown factor:

$$\ell = \text{_____} \div \text{_____}$$

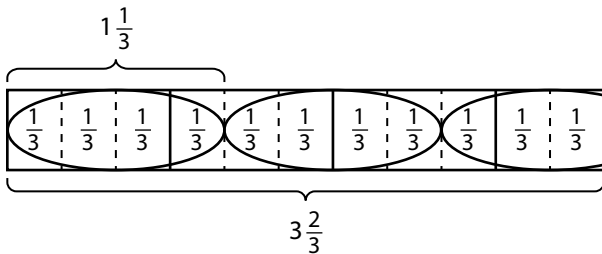
I can rewrite the equation using _____ greater than 1.

$$\ell = \text{_____} \div \text{_____}$$

Then, I multiply the _____ by the _____ of the _____.

$$\frac{11}{3} \times \text{_____} = \frac{33}{12}, \text{ or } \text{_____}, \text{ or } \text{_____}$$

I could also show my work using a(n) _____.



There are 2 full groups and _____ of a third group.

$$\text{So, } 3\frac{2}{3} \div 1\frac{1}{3} = \text{_____}.$$

Word Bank

- area model
- bar model
- dividend
- division
- divisor
- fractions
- multiplication
- quotient
- reciprocal
- width

Number Bank

- $\frac{3}{4}$
- $1\frac{1}{3}$
- $3\frac{2}{3}$
- $\frac{11}{3}$
- $\frac{4}{3}$
- $2\frac{9}{12}$
- $2\frac{3}{4}$