

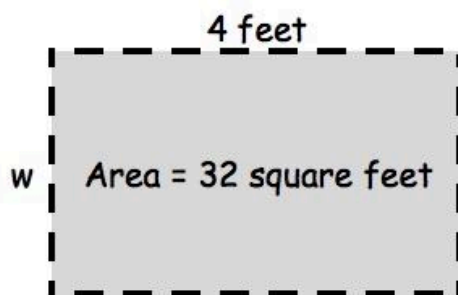


Today's Goal: I will solve word problems with area.

- Lesson Rules:
1. Read the problem carefully.
 2. Re-read and look for important information.
 3. Draw a picture to help you and then solve the problem.
 4. Label your answer.
 5. Check your work.

Example:

The area of Theo's banner is 32 square feet. If the length of his banner measures 4 feet, how wide is his banner?



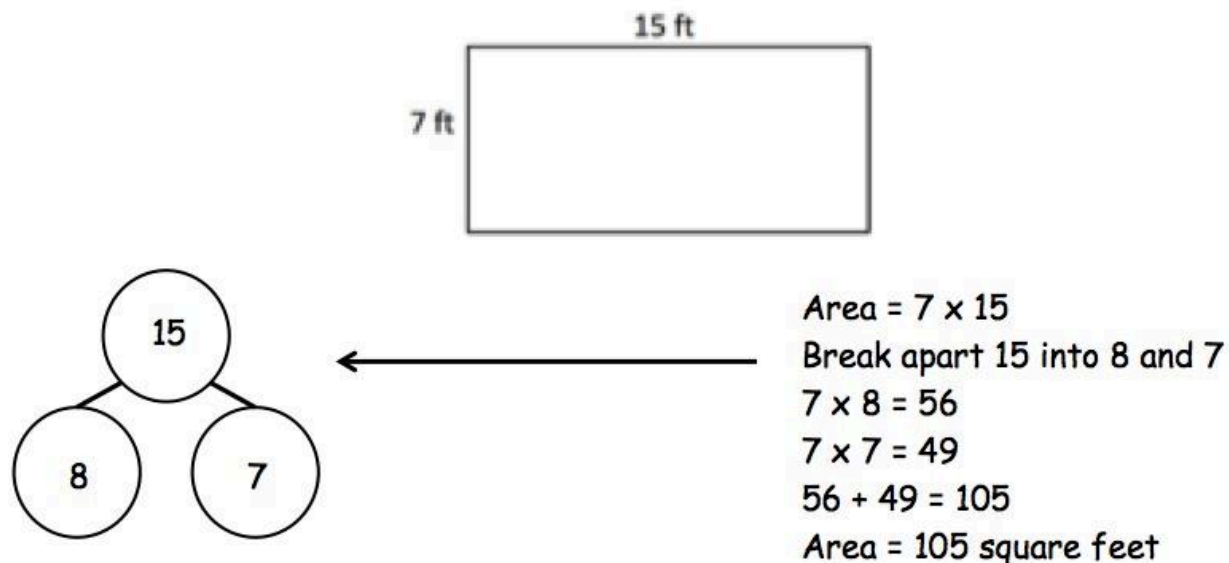
$$\begin{aligned} A &= l \times w \\ 32 &= 4 \times w \\ 32 \div 4 &= w \\ w &= 8 \text{ feet} \end{aligned}$$

- 1) Each side on a sticky note measures 9 centimeters.
What is the area of the sticky note?

4.D.9

- 2) Amir is getting carpet in his bedroom, which measures 7 feet by 15 feet. How many square feet of carpet will Amir need?

4.D.6



- 3) An artist paints a 4×16 foot mural on a wall. What is the total area of the mural? Use the break apart and distribute strategy.

4.D.10

