

**Using the Whiteboard**

- Pull out the Math Idea tab and discuss the problem with students.
- Tap the first **Action Arrow** to reveal Part A.
- Ask a student to use the **Pen** to complete the equation steps.
- Tap the second **Action Arrow** to reveal Part B.
- Ask another student to use the **Pen** to complete the equation steps.
- Tap **Try This**, and have a volunteer use the **Pen** to write his or her answers in the space provided.

Teaching the Math

Ask: In the formula $A = b \times h$, what does the A represent? **area** What does the b represent? **base** What does the h represent? **height**

Ask: What operation does the formula require you to use? **multiplication**

Ask: What are the factors in the formula? **base and height** What is the product? **area**

Have volunteers explain the process of using the area formula. Students' explanations can include the following:

- Use the labeled numbers for the base and the height.
- It does not matter which number I place first in the formula.
- Multiply the base and the height, and label the area with square units.

Try This!

Discuss with the class how the area of a square can be written as $A = s \times s$, where s is the length of each side, since a square has a base that is equal to its height.

Answer Key

$$A = b \times h$$

$$= 6 \times 2$$

$$= 12$$

The area is **12 square feet**.

$$A = b \times h$$

$$= 2 \times 4$$

$$= 4$$

The area is **4 square meters**.

Try This!

Possible answers:

Use the letter **A** for area.

Use the letter **s** for the length of a side.

Formula: **Possible answer: $A = s \times s$**