


# Information Gap Cards for Area

- Use these cards to facilitate an Information Gap Activity. Follow the instructions below to support your students in a meaningful discussion about finding the area of rectangles.
- Before initiating the Information Gap Activity, teach your students the process. Be sure to practice so students are familiar with the structure of the activity before they work in partnerships.

## Teacher Directions:

1. Cut up the Information Gap cards and put them into sets of two based on the number on the top left hand corner of the card. Place students into A-B partnerships.
2. Create an anchor chart or write the process steps on the board for students to reference during the activity.
  1. **Read, then think aloud:** Partner A reads the problem card silently and thinks aloud about what information is needed. Partner B reads the data card silently.
  2. **Question 1:** Partner B asks, "What specific information do you need?" Partner A asks Partner B for specific information, "I need to know..."
  3. **Question 2:** When Partner A asks for specific information, Partner B should ask, "Why do you need that information?" before sharing the information from their data card.
  4. **Explanations:** Partner A explains how the information will be used to solve the problem. Partner B helps and asks for explanations, even if they understand what Partner A is doing.

Use the example cards below to model how to participate in the Information Gap activity.

<p><b>Example 1 - Partner A</b></p> <p>What is the area of the rectangle?</p> <p>12 inches</p> 	<p><b>Example 1 - Partner B</b></p> <p>Width = 5 inches</p>
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Name \_\_\_\_\_

Date \_\_\_\_\_



**1 - Partner A**

What is the area of the rectangle?

10 meters

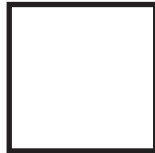


**1 - Partner B**

**Width = 3 meters**

**2 - Partner A**

What is the length of each side of this square?



**2 - Partner B**

**Area = 25 square feet**

**3 - Partner A**

What is the area of the rectangle?

3 meters



**3 - Partner B**

**Length = 16 meters**

**4 - Partner A**

The area of the rectangle is 84 square centimeters. What is the length?



**4 - Partner B**

**Width = 4 centimeters**

Name \_\_\_\_\_

Date \_\_\_\_\_



**5 - Partner A**

What is the area of the rectangle?

15 inches



**5 - Partner B**

**Width = 6 inches**

**6 - Partner A**

What is the length of each side of this square?



**6 - Partner B**

**Area = 64 square yards**

**7 - Partner A**

What is the area of the rectangle?

8 miles



**7 - Partner B**

**Length = 17 miles**

**8 - Partner A**

The area is 143 square feet. What is the length of the rectangle?



**8 - Partner B**

**Width = 11 units**

Name \_\_\_\_\_

Date \_\_\_\_\_



**9 - Partner A**

What is the area of the rectangle?

6 units



**9 - Partner B**

**Length = 14 units**

**10 - Partner A**

The area is 63 square inches. What is the length of the rectangle?



**10 - Partner B**

**Width = 7 inches**

**11 - Partner A**

What is the area of the rectangle?

8 centimeters



**11 - Partner B**

**Width = 6 centimeters**

**12 - Partner A**

What is the area of the rectangle?

10 feet



**12 - Partner B**

**Length = 15 feet**