Area Information Gap Cards

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 about 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.

2. Create an anchor chart or write the process steps on the board for students to reference during the activity.
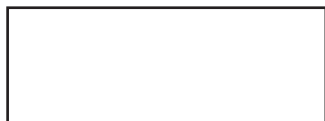
   1. **Read, then think aloud:** Partner A reads the problem card silently and thinks aloud about what information is needed. Partner B reads the data card.

   2. **Question 1:** Partner B asks, "What specific information do you need?" Partner A asks Partner B for specific information.

   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.

Example 1 - Partner A

What is the area of the rectangle?

6 units

Example 1 - Partner B

Width = 4 units

Area Information Gap Cards

✂

1 - Partner A

What is the area of the rectangle?

6 units

1 - Partner B

Width = 5 units

2 - Partner A

What is the area of the rectangle?

2 units

2 - Partner B

Length = 5 units

3 - Partner A

What is the area of the rectangle?

3 units

3 - Partner B

Length = 8 units

4 - Partner A

What is the area of the rectangle?

9 units

4 - Partner B

Width = 5 units

Area Information Gap Cards

✂

5 - Partner A

What is the area of the rectangle?

7 units

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5 - Partner B

Width = 5 units

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6 - Partner A

What is the area of the rectangle?

7 units

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6 - Partner B

Length = 10 units
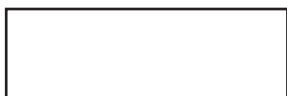
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7 - Partner A

What is the area of the rectangle?

4 units

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7 - Partner B

Length = 9 units

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8 - Partner A

What is the area of the rectangle?

5 units

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8 - Partner B

Width = 3 units

Area Information Gap Cards

✂

9 - Partner A

What is the area of the rectangle?

6 units ▢

9 - Partner B

Length = 9 units

10 - Partner A

What is the area of the rectangle?

9 units ▢

10 - Partner B

Width = 4 units

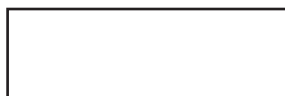**11** - Partner A

What is the area of the rectangle?

4 units ▢

11 - Partner B

Width = 2 units

12 - Partner A

What is the area of the rectangle?

4 units ▢

12 - Partner B

Length = 7 units