

Writing Equations with Info Gap Cards

Procedure:

1. Each partner looks at their card, but does not share it with the other.
2. The partner with the Problem Card (Partner A) works to solve the problem on their card by getting information from the partner with the Data Card (Partner B).
3. Partner B asks Partner A what specific information they need.
4. Partner A responds.
5. Partner B asks Partner A why they need that information.
6. Partner A explains.
7. Partner B shares the information.
8. This back and forth repeats until Partner A is able to solve the problem.

Partner A with Problem Card

I need to know...
Can you tell me...

I need that information
because...
If I know that then...

Partner B with Data Card

What specific information
do you need?

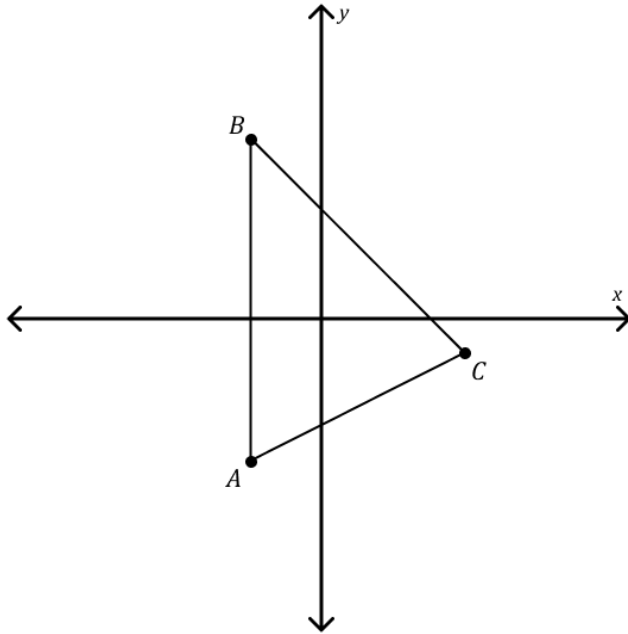
Why do you need to
know that?

Ok, here is the
information...

What other specific
information do you need?

Problem Card Set 1

What 3 equations define the sides of figure ABC ?

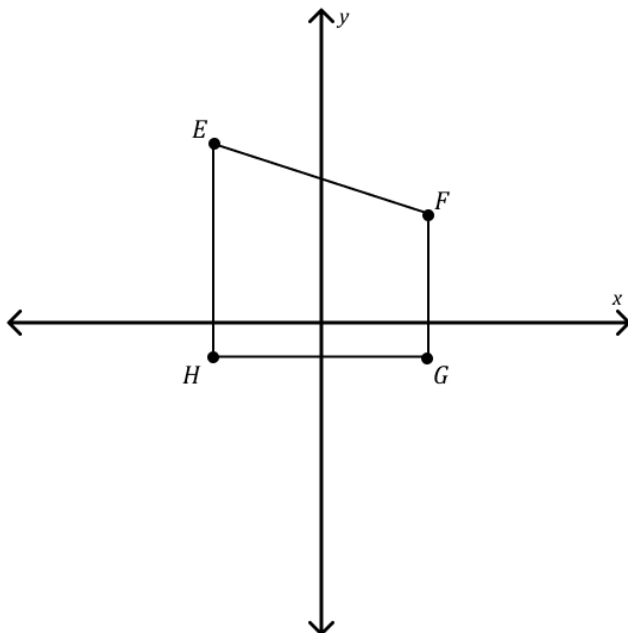


Data Card Set 1

- Point A is located at $(-2, -4)$
- Point B is located at $(-2, 5)$
- Point C is located at $(4, -1)$
- The line through points A and B is vertical
- The line through points A and B crosses the x -axis at $x = -2$
- The line through points A and C crosses the y -axis at $y = -3$
- The line through points B and C crosses the y -axis at $y = 3$

Problem Card Set 2

What 4 equations define the sides of figure $EFGH$?



Data Card Set 2

- Point E is located at $(-3, 5)$
- Point F is located at $(3, 3)$
- Point G is located at $(3, -1)$
- Point H is located at $(-3, -1)$
- The lines through points E and H and points F and G are vertical
- The line through points H and G is horizontal
- The line through points E and F crosses the y -axis at $y = 4$