

LESSON **4** **Integers and the Coordinate Plane**
Puzzles, Twisters & Teasers: What do I look like?....

On the grid provided, create the graph of a polygon that meets the requirements outlined in the following clues.



Clues:

1. I have six sides.
2. The coordinates of one of my vertices is $(-4, 5)$.
3. The length of my longest side is 11 units.
4. Two of my sides have equal lengths.
5. My perimeter is 32 units.
6. All my angles are right angles.
7. Two of my vertices are on the x-axis.
8. No part of me lies in quadrants III or IV.

