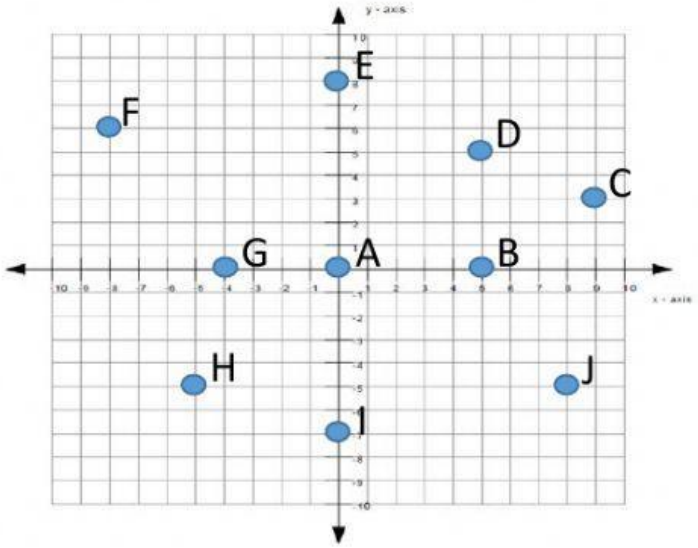
Name:_____ Date:_____ Period:_____

Distance and Displacement Practice

Directions: Use the points on the graph to answer the following questions. Assume each block is one meter in length and height. You may need to use the Pythagorean Theorem to answer some of these questions. Remember your signs for direction. Use +y as North, -y as South, +x as East, and –x as West.



1. What is the distance and displacement from point A to point B?
2. What is the distance and displacement from point A to point E?
3. What is the distance and displacement from point A to point G?
4. What is the distance and displacement from point B to point C?
5. What is the distance and displacement if you travel through points A→B→D?
6. What is the distance and displacement if you travel through points A→G→F?
7. What is the distance and displacement if you travel through points H→J→I→H?
8. What is the distance and displacement if you travel through points F→E→A→G?
9. What is the distance and displacement if you travel through points A→B→C→D→E?
10. Choose any 4 points on the graph to travel through and find the distance and displacement you have traveled.

____→ ____ →____→_____

	Distance	Displacement	Direction
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

FYG