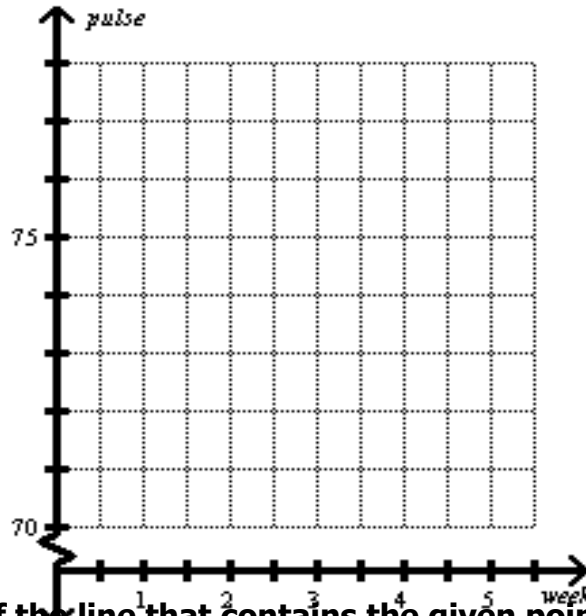**Enrichment on Linear Relationships**   Name: _____

For 1–3, use the following information. The table below shows the pulse rate for a student in a fitness program over a 4 week period.

Week (x)	1	2	3	4
Pulse Rate (y)	76	74	72	70

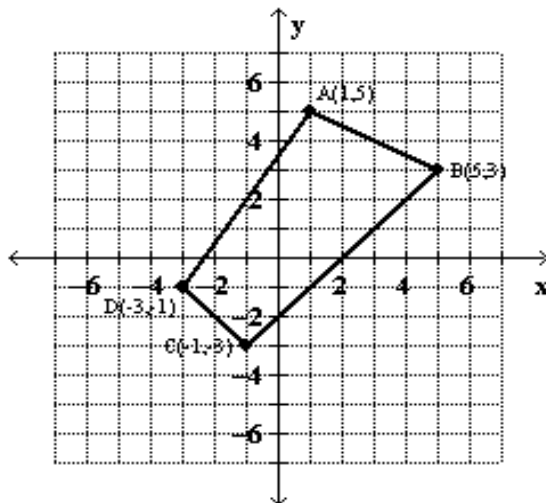**1. Plot the points on the coordinate provided.**

2. Find the slope of the line that contains the given points.

3. Distinguish the meaning of the slope in terms of this situation.

For 4 & 5, find the slope of each side of the given figure.

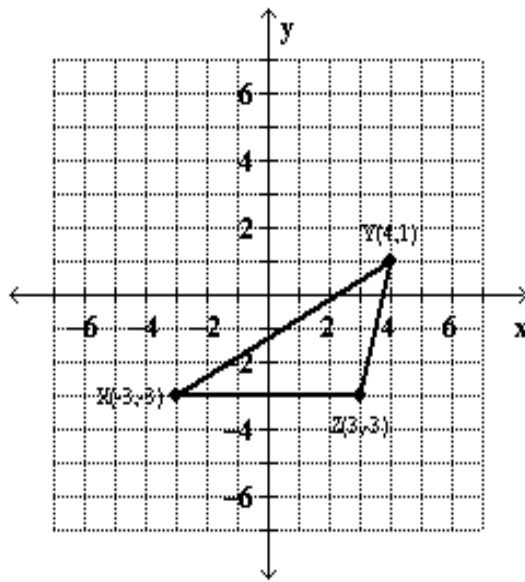**4.**

Side AB =

Side BC =

Side CD =

Side AD =

5.

Side XY =

Side YZ =

Side XZ =

For 6–10, draw lines on the coordinate provided using the slopes listed. Draw the line until you arrive at a point. Then begin the next line at that point.
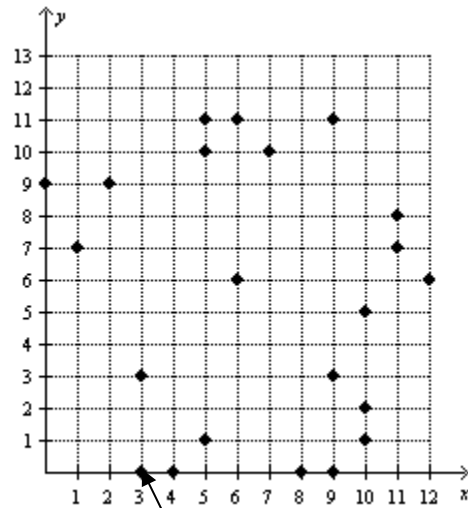
6. $\dfrac{11}{3}$

7. $-\dfrac{11}{3}$

8. $-\dfrac{7}{8}$

9. 0

10. $\dfrac{7}{8}$

Start here