

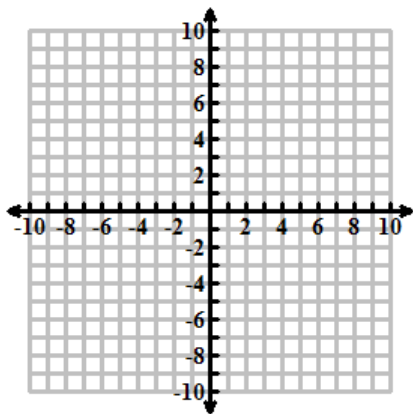
Lesson 4.3C ~ The Coordinate Plane

Name _____ Period _____ Date _____

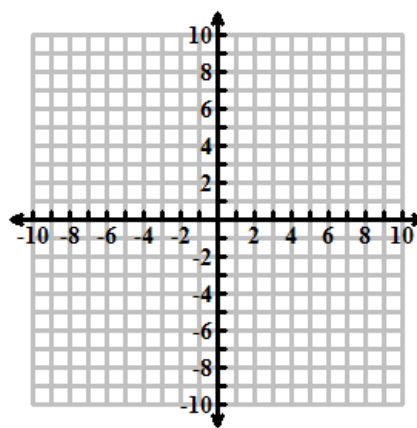
Graph the ordered pairs for each figure. Connect the points in the order given and connect the last point to the first. The two figures are similar.

- a. Write the ratio of their perimeters.
- b. Write the ratio of their areas.

1. Figure 1: $(4, 0), (4, 6), (0, 6), (0, 0)$
 Figure 2: $(-5, -8), (-5, -2), (4, -2), (4, -8)$



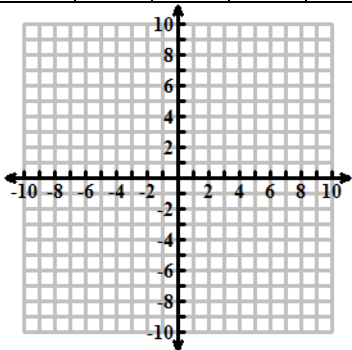
2. Figure 1: $(-3, 0), (-3, -4), (0, 0)$
 Figure 2: $(0, 0), (6, 0), (6, 8)$



Graph the points in each table. If the pattern continued, what would be the next point?

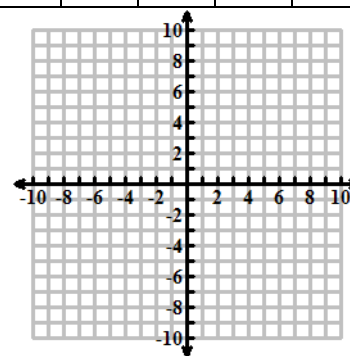
3.

x	-3	-1	1	3	5	
y	-5	-2	1	4	7	



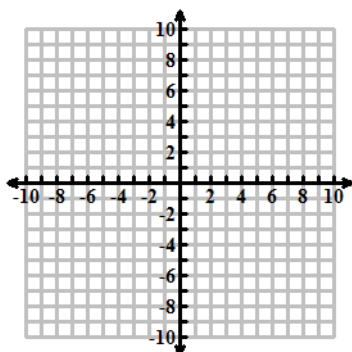
4.

x	-8	-4	0	4	8	
y	9	6	3	0	-3	



5.

x	-2	-1	0	1	2	
y	-3	-1	1	3	5	



6.

x	-7	-4	-1	2	5	
y	7	4	1	-2	-5	

