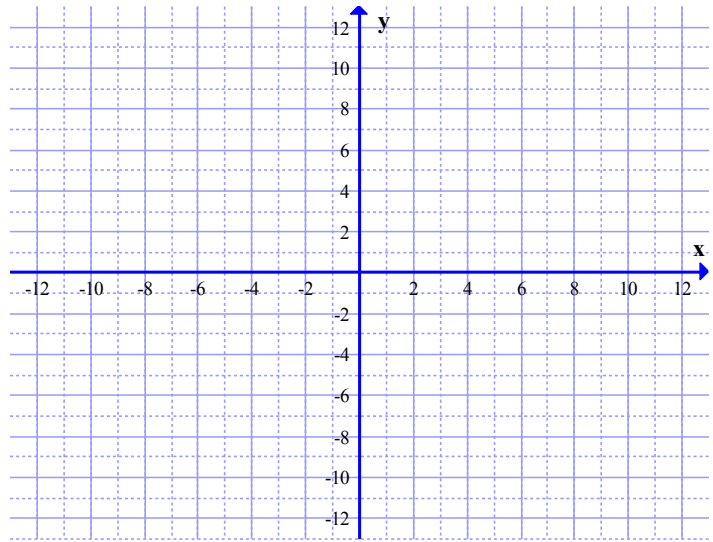


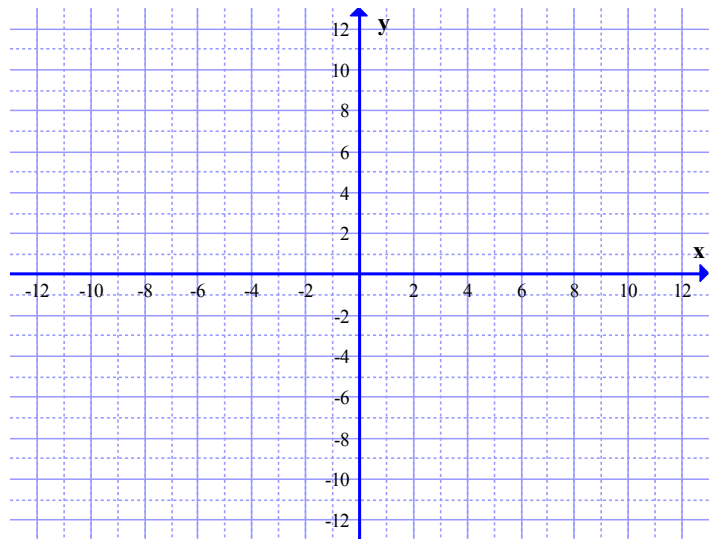
MAC1105 College Algebra  
2.1 Practice Problems

1. Graph the following equations using the plotting points method.

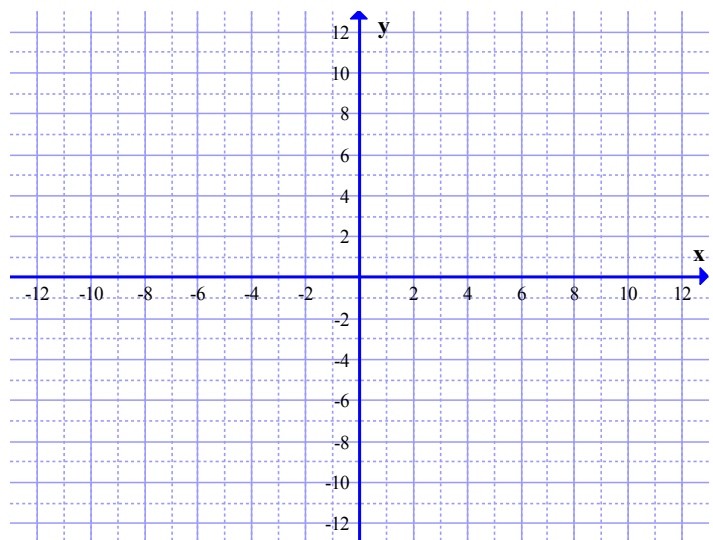
a.  $y=2x+3$



b.  $y=9-x^2$



c.  $y=-|x|+3$



2. Find the distance between the two points given.  $(2,3)$  and  $(-1,5)$ .

3. Find the distance between the two points given.  $(1,1)$  and  $(5,3)$ .

4. Find the midpoint of the line segment given the two endpoints.  $(-2,3)$  and  $(4, -9)$ .

5. Find the midpoint of the line segment given the two endpoints.  $(1,-5)$  and  $(-4, -1)$ .