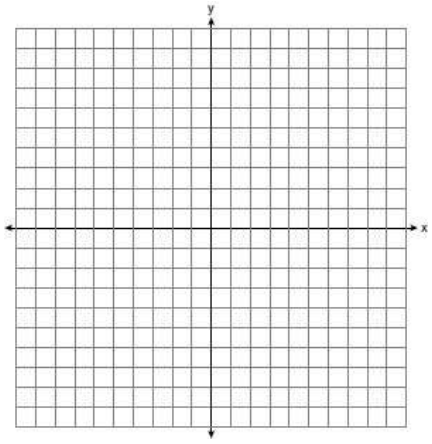
Name _____ Date _____

Mr. Schlansky Geometry

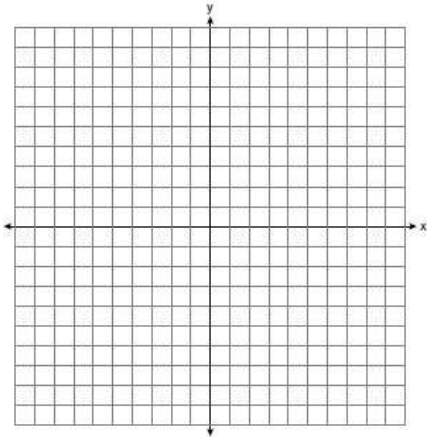
Midpoint

Find the midpoint of the segment formed by the following two points.

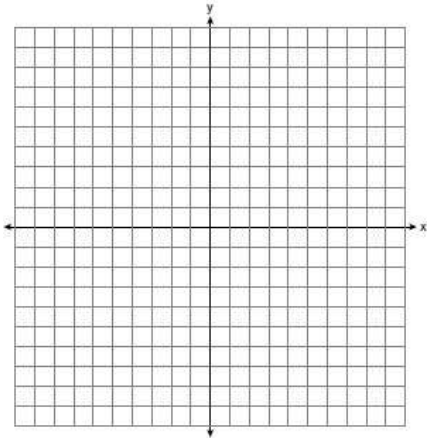
1. (5,1) and (7,5)



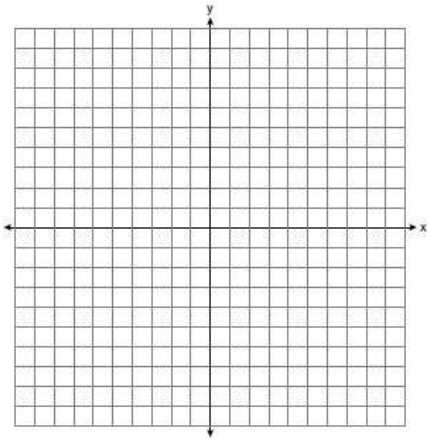
2. (9,1) and (1,-5)



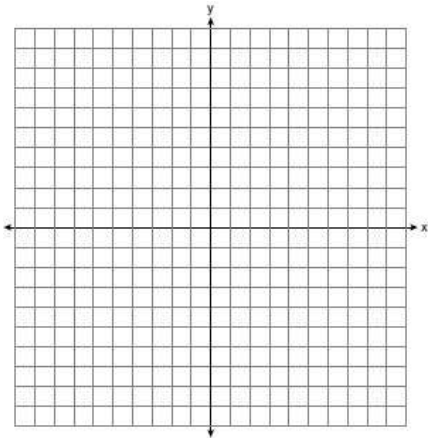
3. (2,5) and (-2,7)



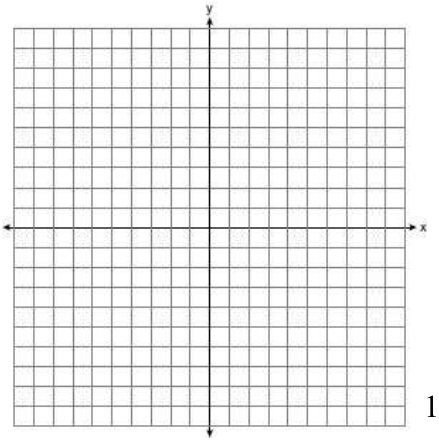
4. (3,2) and (9,0)



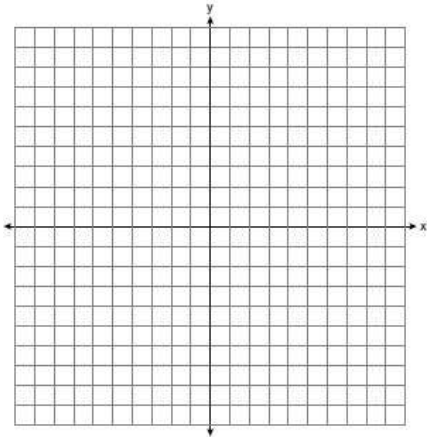
5. (-4,1) and (-4, 9)



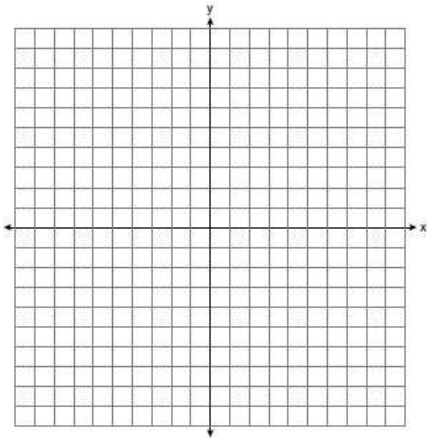
6. (10,-1) and (2, 4)



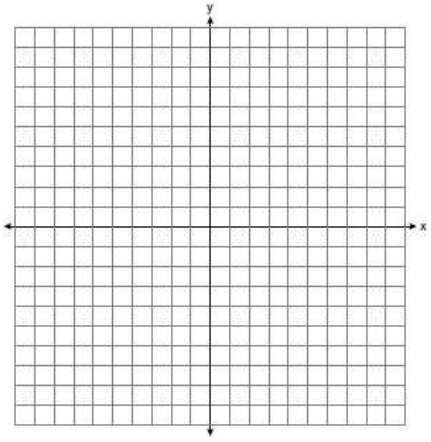
7. (-2,7) and (3, 5)



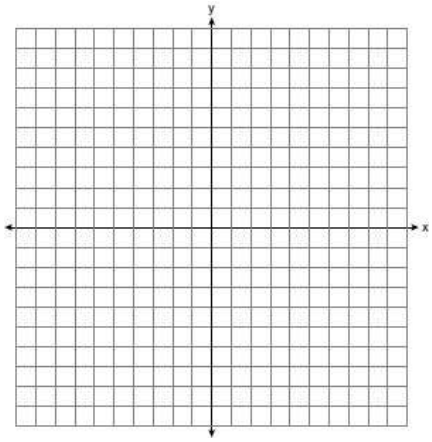
8. (9,-1) and (-1, 5)



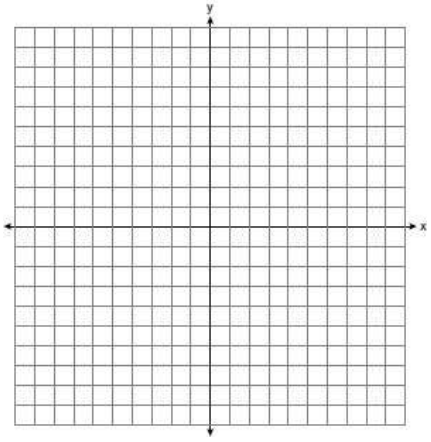
9. (-6,-3) and (-2, 1)



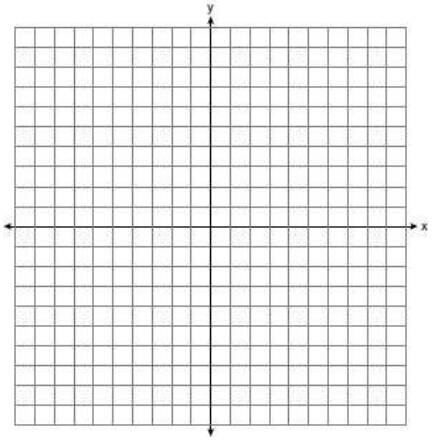
10. (-13,6) and (-1, 1)



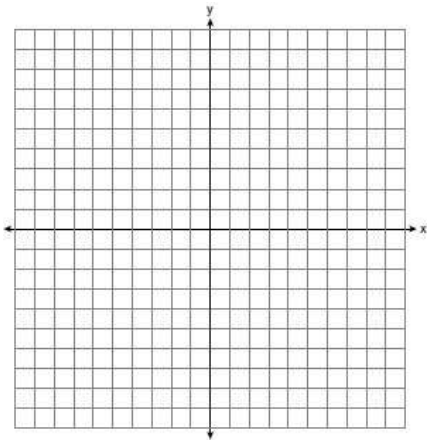
11. (-4,7) and (-2, 6)



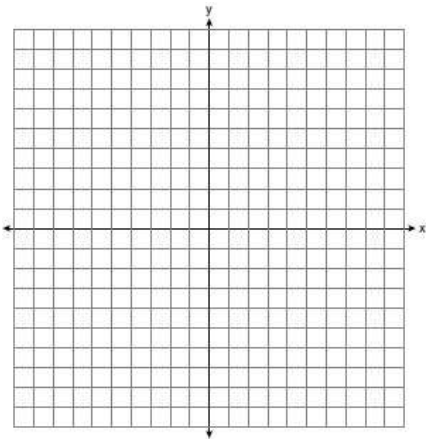
12. (9,-2) and (-3, 8)



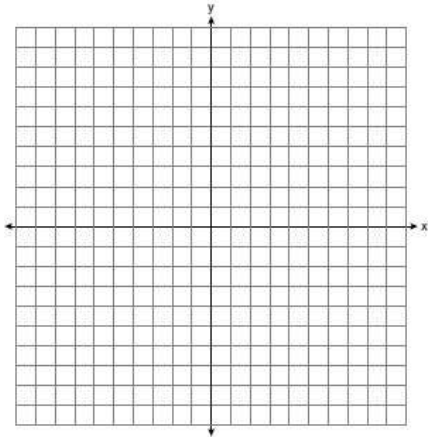
13. The midpoint of a line segment is (2,3). If one endpoint of the segment is (0,0), what is the other endpoint?



14. The midpoint M of $\overline{AB}$ is (2,-1). If the coordinates of A are (-1, 1), what are the coordinates of B?



15. The midpoint M of $\overline{XY}$ is (8,-6). If the coordinates of X are (6, -9), what are the coordinates of Y?



16. The midpoint M of $\overline{QT}$ is (-7,3). If the coordinates of Q are (-10, 9), what are the coordinates of T?