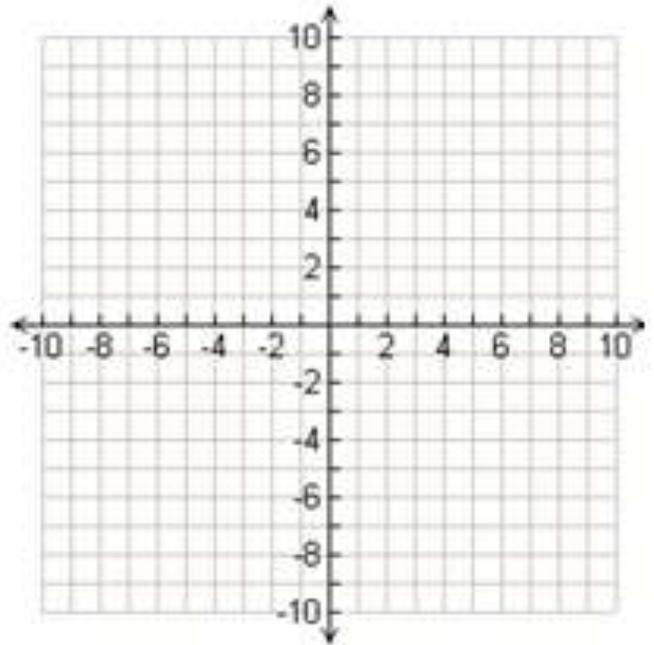# Midpoint and Distance in the Coordinate Plane Bell Work

1. Graph the points A (1, 6) and B (9, 6). Find
the midpoint of $\overline{AB}$. Find the distance of $\overline{AB}$.

2. Graph the points C (2, 2) and D (6, 2). Find
the midpoint of $\overline{CD}$. Find the distance of $\overline{CD}$.

3. Graph the points E (-10, -9) and F (-10,-3). Find
the midpoint of $\overline{EF}$. Find the distance $\overline{EF}$.

Find the midpoint for each line segment using the formula. Show your work.
4. G (6,5) and H (9,2)

5. I (1,1) and J (-3,-3)

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Answers

1. M(5,6)   d = 8

2. M(4,2)   d = 4

3. M(-10,-6)   d = 6

4. M(7.5,3.5)

5. M(-1,-1)

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