Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd: \_\_\_\_\_\_  **Midpoint Formula Practice**

The Midpoint Formula: $\left(\frac{x\_{1}+x\_{2}}{2}, \frac{y\_{1}+y\_{2}}{2}\right)$

Find the midpoint of each line segment.

1. 2. 3.

Find the midpoint of the line segment with the given endpoints.

4. (5, 2) ( –4, –3)

5. (2, –1) (–6, 0)

6. (–5.1, –2) (1.4, 1.7)

7. (5.1, 5.71) (6, 3.6)

Find the other endpoint of the line segment with the given endpoint and midpoint.

8. Endpoint: (–1, 9) midpoint: (–9, –10)

9. Endpoint: (5, 2) midpoint: (–10, –2)

10. Endpoint: (–9, 7) midpoint: (10, –3)