

## CDL Day 6

Date \_\_\_\_\_

Period \_\_\_\_\_

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

1)  $(8, 6), (4, -5)$

2)  $(-9, 0), (4, -4)$

3)  $(8, -2), (-2, 10)$

4)  $(-9, -8), (5, -2)$

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

5) Endpoint:  $(9, 7)$ , midpoint:  $(10, 1)$

6) Endpoint:  $(7, -5)$ , midpoint:  $(-5, 7)$

7) Endpoint:  $(-10, 6)$ , midpoint:  $(2, 8)$

8) Endpoint:  $(-7, 2)$ , midpoint:  $(-3, 10)$

**Find the distance between each pair of points.**

9)  $(7, -1), (-8, 6)$

10)  $(-2, 6), (0, 1)$

11)  $(-7, 6), (5, -7)$

12)  $(4, -5), (-2, 7)$

**Find the slope of the line through each pair of points.**

13)  $(-6, 17), (18, -18)$

14)  $(3, -3), (-7, 2)$

15)  $(1, 17), (-6, -6)$

16)  $(-3, 5), (-10, -2)$

17)  $(19, 3), (-10, 2)$

18)  $(20, -6), (20, 0)$

19)  $(-20, -20), (-15, -20)$

20)  $(1, 8), (-12, -17)$