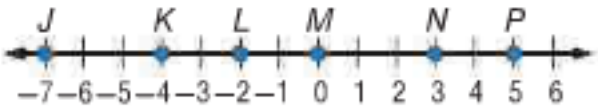
Name: _____ Period: _____ Date: _____

Sec1H | **Homework 6-2** | **Unit 6**

Distance Formula

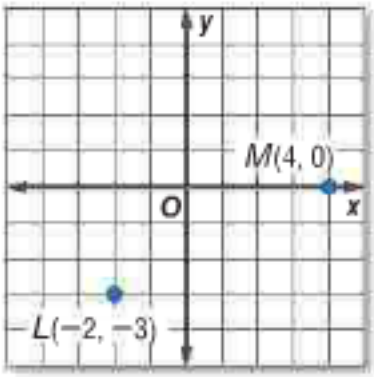
Use the number line to find each measure.



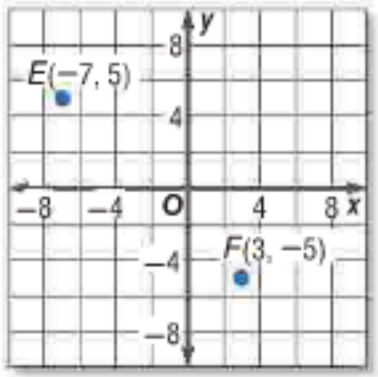
1. **LN**
2. **JL**
3. **JK**
4. **KP**

Find the distance between each pair of points. . Give the exact & estimated decimal values rounded to the nearest tenth.

5.



6.



7. **P(3, 4), Q(7, 2)**
8. **M(-3, 8), N(-5, 1)**
9. **Y(-4, 9), Z(-5, 3)**
10. **A(2, 4), B(5, 7)**

Find the distance between each pair of points. . Give the exact & estimated decimal values rounded to the nearest tenth.

11. C(5, 1), D(3, 6)

12. X(1, 2), Y(5, 9)

13. R(0, 7), S(3, 2)

14. M(-5, -2), N(-2, 6)

15. X(-1, 9), Y(4, -2)

16. A(2, -4), B(4, -2)

17. C(3, -7), D(3, 4)

18. E(1, 6), F(4, 12)

19. X(-5, -1), Y(3, 5)

20. Y(2, 10), Z(3, -6)