

Name _____ Period ____

Distance Formula

Find the distance between the two points.

1. $A(5,-2);B(2,2)$

2. $C(-7,3);D(-3,8)$

3. $E(11,-6);F(-9,-5)$

4. $G(4,-3);H(5,5)$

5. $I(9,-5);J(-12,10)$

6. $K(4,8);L(-2,-2)$

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Find the missing coordinate, using the given distance.

7. $M(7, -8); N(a, 4); d=13$

8. $P(5, b); R(0, -5); d=\sqrt{61}$

9. $S(c, 1); T(9, -4); d=\sqrt{26}$

10. $U(2, 3); X(6, f); d=\sqrt{41}$