

## Distance &amp; Midpoint

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

1)  $(-5, 2), (3, -5)$

2)  $(5, 2), (1, -4)$

3)  $(8, 7), (-2, -4)$

4)  $(-2, 7), (-8, -6)$

5)  $(1, -6), (6, 2)$

6)  $(4, 7), (-6, 2)$

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

8)  $(-3, -6), (-7, -8)$

9)  $(-6, -2), (-4, 0)$

10)  $(1, -2), (-1, 8)$

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

11)  $(6, -10), (4, -3)$

12)  $(-9, -5), (3, 5)$

13)  $(9, 7), (10, 8)$

14)  $(-5, -8), (9, -6)$

15)  $(-2, 9), (-5, 5)$

16)  $(1, -2), (9, 2)$

17)  $(4, -6), (-6, -9)$

18)  $(8, -10), (8, 2)$

19)  $(-10, 0), (-7, -9)$

20)  $(-7, -4), (7, 9)$