

## Summer Assignment Review-Distance Formula

Date \_\_\_\_\_ Period \_\_\_\_\_

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**Find the distance between each pair of points. Leave your answer as an integer or as a simplified radical.**

1)  $(3, 2), (7, 4)$

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

3)  $(7, 6), (4, 3)$

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

5)  $(-1, -7), (-5, -7)$

6)  $(0, -3), (2, -5)$

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

8)  $(-3, 2), (5, -4)$

9)  $(-7, -2), (-1, -3)$

10)  $(4, -2), (-3, 6)$

## Answers to Summer Assignment Review-Distance Formula

1)  $2\sqrt{5}$

5) 4

9)  $\sqrt{37}$

2) 1

6)  $2\sqrt{2}$

10)  $\sqrt{113}$

3)  $3\sqrt{2}$

7)  $2\sqrt{29}$

4)  $\sqrt{41}$

8) 10