

Name _____

Period _____

Score	%	/10

Sec1

**HW 4-2
Distance Formula**

Find the distance between each pair of points.

1. $(0, 5)$ and $(12, -6)$

Distance Formula:

Exact Answer (radical):

Approximate Answer (decimal):

2. $(-5, 3)$ and $(-6, -7)$

Distance Formula:

Exact Answer (radical):

Approximate Answer (decimal):

3. $(4, -1)$ and $(5, 2)$

Distance Formula:

Exact Answer (radical):

Approximate Answer (decimal):

4. $(-7, 5)$ and $(-2, -8)$

Distance Formula:

Exact Answer (radical):

Approximate Answer (decimal):

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4. (-7, 5) and (-2, -8)

Distance Formula:

Exact Answer (radical):

Approximate Answer (decimal):

5. (8, 4) and (-2, 6)

Distance Formula:

Exact Answer (radical):

Approximate Answer (decimal):

6. (0, 7) and (-2, -4)

Distance Formula:

Exact Answer (radical):

Approximate Answer (decimal):

7. (4, 1) and (-4, -1)

Distance Formula:

Exact Answer (radical):

Approximate Answer (decimal):

5. (8, 4) and (-2, 6)

Distance Formula:

Exact Answer (radical):

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