

Name \_\_\_\_\_

Period \_\_\_\_\_

Score	%	/10

**Sec1H**

**HW 5-4**  
**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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5.  $(8, 4)$  and  $(-2, 6)$

Distance Formula:

Exact Answer (radical):

Approximate Answer (decimal):

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

Distance Formula:

Exact Answer (radical):

Approximate Answer (decimal):

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

Distance Formula:

Exact Answer (radical):

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