

# Independent Practice Worksheet 1

NAME: \_\_\_\_\_

SCORE: \_\_\_\_\_

## DISTANCE FORMULA (from Points)

**INSTRUCTIONS:** Find the distance between the two points. Leave answers in radical form.

1. (10,10) and (7,10)

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$d = \sqrt{(10 - 7)^2 + (10 - 10)^2}$$

$$d = \sqrt{3^2 + 0^2}$$

$$d = \sqrt{9}$$

$$d = 3$$

2. (3,8) and (9,10)

3. (5,1) and (0,-5)

4. (2,2) and (-3,3)

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

6. (1,1) and (4,2)

7. (3,3) and (0,5)

8. (0,3) and (3,-4)

9. (1,2) and (3,-4)

10. (1,2) and (3,4)