

11-5

Skills Practice

The Distance Formula

* SHOW WORK *

* ALL WORK ON LOOSELEAF *

Find the distance between each pair of points whose coordinates are given. Express answers in simplest radical form and as decimal approximations rounded to the nearest hundredth if necessary.

1. $(9, 7), (1, 1)$

2. $(5, 2), (8, -2)$

3. $(1, -3), (1, 4)$

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

5. $(-6, 3), (10, 3)$

6. $(3, 3), (-2, 3)$

7. $(-1, -4), (-6, 0)$

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

9. $(-3, 4), (-2, 8)$

10. $(5, -6), (7, -9)$

11. $(4, 2), (8, 6)$

12. $(5, 2), (3, 10)$

#13 to 24.

Find the Midpoint of EACH of the points above. Express your answer as fractions, simplify if necessary.