

6.NS.8: Worksheet

1. Plot the points $(1, 2)$, $(-2, -5)$, $(0, -7)$ on the coordinate plane.

2. How far apart are $(10, 8)$ and $(-6, 8)$?

3. How far apart are $(-4, -6)$ and $(-4, 13)$?

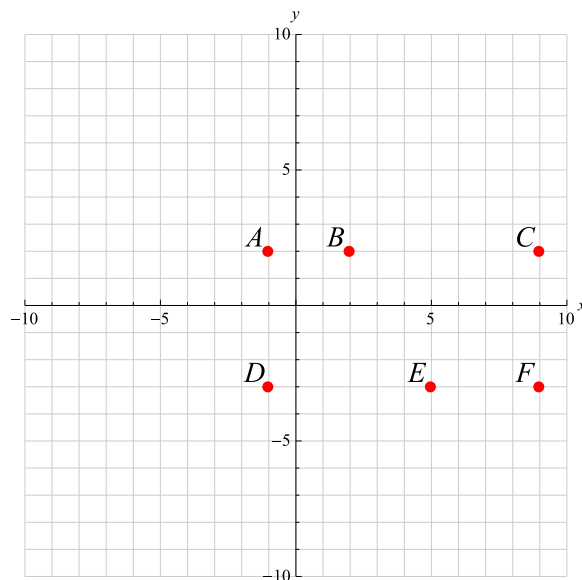


Figure 1.

4. How far apart are $(1, 2)$ and $(-1, 2)$?

7. Refer to Figure 1. Which points are exactly 5 units apart?

5. How far apart are $(0, -1.5)$ and $(0, 9.5)$?

8. Refer to Figure 1. Which points are exactly 6 units apart?

6. Refer to Figure 1. Which points are exactly 3 units apart?

9. Of the labeled points in Figure 1, which is exactly 7 units from $(9, 4)$ and 12 units from $(-3, -3)$?

10. Of the labeled points in Figure 1, which is exactly 3 units from $(5, 2)$ and 9 units from $(2, -7)$?