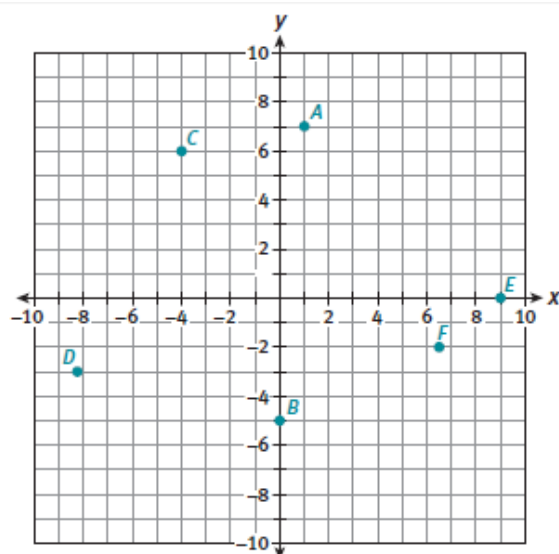


Lesson 9-1

1.



2. a. (1, 3)
b. (-3, 1)
c. (-1, 0)
d. (-1.5, -2)
e. (2, -3)
f. (3, -2)
3. If the first coordinate is 0, the point lies on the y -axis since you do not move horizontally. If the second coordinate is 0, the point lies on the x -axis since you do not move vertically.
4. D
5. quadrant IV; quadrant II
6. No. You move a different number of units vertically and horizontally for each point.
7. the origin

Lesson 9-2

8. 6 blocks
9. 4 blocks
10. 7 blocks
11. 6 blocks
12. Uma; Kim lives two blocks from Uma and three blocks from Lou.
13. Cal; Mia lives three blocks from Cal and four blocks from Amy.
14. Kim's house; Mia's house is at (1, 2) and the reflection would be at (1, -2), which is where Kim's house is located.
15. No; Cal's house is four blocks from the y -axis while Amy's house is only three blocks from the y -axis.
16. 21 blocks; In order, the distances are $3 + 2 + 3 + 6 + 3 + 4 = 21$ blocks.
17. Sample answer: The second coordinates are the same so find the difference of the first coordinates: $28 - (-15) = 43$ units.