

Unit 2.3 Day 2 Worksheet Answers

1.
 - a. $P'(-9, -9)$
 - b. $P'(8, -9)$
 - c. $P'(-1, -11)$
 - d. $P'(8, -6)$
 - e. $P'(-3, -5)$
 - f. $P'(4, -5)$
2. x-coordinate: -4 y-coordinate: 1 sum: -3
3. x-coordinate: -6 y-coordinate: -4 sum: -10
4. $(x, y) \rightarrow (x - 9, y + 2)$; 90° counterclockwise rotation about the origin
5. 180° rotation about the origin; $(x, y) \rightarrow (x - 6, y + 7)$
6. x-coordinate: 2 y-coordinate: 2 sum: 4
7. x-coordinate: -5 y-coordinate: 9 sum: 4
8. $A'(1, -6)$ $B'(4, -1)$ $C'(5, -8)$ $A''(3, 8)$ $B''(0, 3)$ $C''(-1, -6)$
9. $A'(1, 4)$ $B'(-1, -1)$ $C'(-3, 4)$ $A''(4, 1)$ $B''(-1, -1)$ $C''(4, -3)$