Unit 2.3 Day 1 Worksheet Answers

1. $C'(4, -6) \; D'(6, -1) \; C''(-4, -6) \; D''(-6, -1)$
2. $C'(-1, -1) \; D'(1,4) \; C''(-1, -1) \; D''(4,1)$
3. $P'(4, -1) \; Q'(8, -5) \; R'(9, -3) \; P''(-4, -1) \; Q''(-8, -5) \; R''(-9, -3)$
4. $P'(4,2) \; Q'(0,6) \; R'(2,7) \; P''(2, -4) \; Q''(6,0) \; R''(7, -2)$
5. $(x, y) \rightarrow (x + 5, y + 1)$; 180° rotation about the origin
6. Reflect across the y-axis; Reflect across the x-axis
7. Image 2
8. Image 4
9. No, answers may vary
10. Yes, answers may vary
11. Yes, answers may vary
12. Glide reflections only move vertically or horizontally, answers may vary
13. $B''(-3, -8)$ Sum = -11
14. $A''(-1,2)$ Sum = 1