

## Unit 2 Review Answers

1. A, B, D
2. E
3. Answers vary
4. Answers vary
5. Answers vary
6. Yes
7. Yes
8. No, answers vary
9. A, C, E
10. A, B, D
11.
  - a.  $(x, y) \rightarrow (x - 1, y + 2)$
  - b.  $(x, y) \rightarrow (x + 3, y)$
  - c.  $(x, y) \rightarrow (x + 1, y - 2)$
  - d.  $(x, y) \rightarrow (x - 2, y - 2)$
12. A, D
13. A, C, E
14.  $(-7, -5)$
15.  $(-8, -1)$
16. C, D
17. A, B, E
18. C, D
19. B, D
20.  $(3, 0)$
21.  $(7, 10)$
22. x-coordinate: 7 y-coordinate: -1 Sum: 6
23. x-coordinate: -5 y-coordinate: 1 Sum: -4
24. Rotation  $90^\circ$  clockwise about the origin; Reflection across the x-axis
25. Rotation  $180^\circ$  about the origin; Reflection across the y-axis
26.  $(x, y) \rightarrow (x, y + 10)$
27. B, C, E
28. Answers vary