Quiz 3-2 Answer Key



1. (d) 62.8 in^3
2. 311,606.7 cubic feet
3. (b) 57,876 ft^3
4. 278,261.9 cubic feet
5. 81 cubic inches
6. 113 feet
7. (c) 127 feet
8. 306 feet
9. $4\sqrt{2}$ or 5.7
10. 41 miles
11. $2\sqrt{2}$ cm or 2.8 cm
12. (e) a or d
13. vertical angles
14. supplementary angles
15. supplementary angles
16. supplementary angles
17. corresponding angles
18. supplementary
19. complementary
20. neither
21. supplementary
22. supplementary
23. complementary
24. supplementary
25. complementary
26. No
27. Yes
28. No
29. Yes
30. $^{250}/_{500} = {}^{1}/_{2}$
31. $^{300}/_{400} = {}^{3}/_{4}$
32. $^{15}/_{7}$
33. $^{7}/_{22}$
34. (c) $^{2}/_{5}$
35. $^{25}/_{60} = {}^{5}/_{12}$
36. $x = 3$
37. $x = 4.2$
38. (f) a or c
39. sixteen
40. (b) 729 cubic units
41. c
42. a
43. d
44. e
45. b

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