

Answers to Even-Numbered Exercises from §1.1 - §1.3, §1.7, and §2.5

Exercise Set 1.1

50. $\frac{16}{243}$

76. 154

80. 2

82. 2

104. 3

106. $\frac{1}{45}$

108. $\frac{3}{5}$

Exercise Set 1.2

34. $P \approx 56.56$ in

36. $P \approx 28.56$ m

Exercise Set 1.3

38. $A \approx 145.12$ in²

40. $A \approx 70.88$ cm²

Exercise Set 1.7

32. -4

34. 13

Exercise Set 2.5

16. $\frac{-15}{5} + 9$ or $(-15 \div 5) + 9$; 6

18. $\frac{-24}{-4} - (-9)$ or $[-24 \div (-4)] - (-9)$; 15

20. $-5 - \frac{45}{-5}$ or $-5 - [45 \div (-5)]$; 4

22. $-8 - \left(\frac{-28}{-7}\right)$ or $-8 - [-28 \div (-7)]$; -12

24. $\frac{-32}{8} + \left(\frac{-24}{6}\right)$ or $(-32 \div 8) + (-24 \div 6)$; -8

26. $\frac{54}{-9} - \left(\frac{-42}{6}\right)$ or $[54 \div (-9)] - (-42 \div 6)$; 1