

7 – Exercises – Chapter 2

Name Answer Key
Hour _____

Lesson 2.1 Practice

Find each number.

1. Find 20% of 50.

10

4. Find 190% of 20.

38

2. What is 55% of \$400?

220

5. What is 24% of \$500?

120

3. 5% of 1,500 is what number?

75

6. 8% of \$300 is how much?

24

Percent of a Number

Lesson 2.3 Practice

Find each number. Round to the nearest tenth if necessary.

7. What number is 25% of 20?

5

9. 30 is 75% of what number?

40

11. What number is 20% of 625?

125

The Percent Proportion

8. What percent of 50 is 30?

60%

10. 40% of what number is 36?

90

12. 12 is what percent of 30?

40%

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Lesson 2.4 Practice

Find each number. Round to the nearest tenth if necessary.

13. What percent of 56 is 14?

25%

15. 80 is 40% of what number?

200

17. What percent of 2,000 is 8?

0.4%

The Percent Equation

14. 36 is what percent of 40?

90%

16. 65% of what is 78?

120

18. What is 110% of 80?

88

Lesson 2.5 Practice

Find each percent of change. Round to the nearest whole percent if necessary. State whether the percent of change is an *increase* or *decrease*.

19. 4 inches to 10 inches

150%
increase

21. 15 people to 12 people

20%
decrease

23. 60 minutes to 63 minutes

5%
increase

Percent of Change

20. 1.0 pounds to 1.3 pounds

30%
increase

22. \$30 to \$18

40%
decrease

24. 160 chairs to 136 chairs

15%
decrease

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Lesson 2.6 Practice

Find the total cost to the nearest cent.

25. \$22.95 shirt, 6% tax

\$24.33

27. \$10.85 book, 4% markup

\$11.28

29. \$59.99 DVD box set, 6.5% tax.

\$63.89

Lesson 2.7 Practice

Find the sale price to the nearest cent.

31. \$32.45 shirt; 15% discount

\$27.58

33. \$40 jeans; 20% discount

\$32

Sales Tax, Tips, and Markup

26. \$24 lunch, 15% tip

\$27.60

28. \$97.55 business breakfast, 18% tip

\$115.11

30. \$37.65 dinner, 15% markup

\$43.30

Discount

32. \$128.79 watch; 30% discount

\$90.15

34. \$74 sweatshirt; 25% discount

\$55.50

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Lesson 2.8 Practice

Financial Literacy

Find the simple interest. Round to the nearest cent if necessary.

35. \$300, 5% 2 years

\$ 30

37. \$575, 4.5%, 4 years

\$ 103.50

39. \$1,665, 6.75%, 3 years

\$ 337.16

36. \$650, 8%, 3 years

\$ 156

38. \$735, 7%, 30 months

\$ 128.63

40. \$2,105, 11%, 9 months

\$ 173.66