

**CHAPTER
6****Extra Practice****Skills****● Lesson 6-1 Write each ratio as a percent.**

1. $\frac{4}{5}$

2. $\frac{11}{5}$

3. $\frac{3}{25}$

4. $\frac{19}{20}$

5. $\frac{1}{10}$

6. $\frac{3}{2}$

● Lesson 6-2 Write each percent as a decimal.

7. 37.5%

8. 11.375%

9. 2.55%

10. 9%

11. 1.111%

12. 97.05%

● Lesson 6-3 Write each percent as a fraction in simplest form.

13. 225%

14. 0.1%

15. 0.07%

16. 398%

17. 156%

18. 0.2%

● Lesson 6-4 Find each answer using mental math.

19. 30% of 285

20. 51% of 326

21. 9% of 1,250

22. 49% of 88

23. 101% of 150

● Lesson 6-5 Write a proportion and solve.

24. 54 is what percent of 135?

25. What percent of 48 is 2.4?

26. What percent of 200 is 120?

27. 8 is what percent of 20?

28. 32.5 is what percent of 130?

29. What percent of 150 is 27?

● Lesson 6-6 Write and solve an equation to find the part of a whole.

30. 30% of 250 is what number?

31. What number is 90% of 70?

32. 45% of 200 is what number?

33. What number is 7% of 88?

34. 4% of 200 is what number?

35. What number is 22% of 1?

● Lesson 6-7 Find each payment.

36. \$75 with a 5% sales tax

37. \$219 with a 3.5% sales tax

38. \$85.65 with a 3% sales tax

● Lesson 6-8 Find each percent of change. Round to the nearest tenth. State whether the change is an increase or a decrease.

39. 25 to 40

40. 95 to 45

41. 108 to 110

42. 50 to 95

43. 125 to 75

44. 8.5 to 10

45. 100 to 15

46. 63.5 to 20

47. 111 to 150

48. 25.9 to 30.2

Word Problems**● Lesson 6-1**

49. **Art** Draw and shade the first letter of your name on a 10-by-10 grid. Determine what percent of the grid is shaded.