Converting to a Percent In Exercises 1−8, convert the decimal or fraction to a percent.

1. 0.62   2. 0.57   3. 0.075   4. 0.005

5. $\frac{4}{5}$ 6. $\frac{1}{4}$ 7. $\frac{5}{4}$ 8. $\frac{6}{5}$

Converting to a Decimal In Exercises 9−16, convert the percent to a decimal.

9. 12%   10. 95%   11. 125%   12. 250%

13. 8.5%   14. 0.3%   15. $\frac{3}{4}$%   16. $4\frac{4}{5}$%

Converting to a Fraction In Exercises 17−24, convert the percent to a fraction.

17. 30%   18. 85%   19. 130%   20. 350%

21. 1.4%   22. 0.7%   23. $\frac{1}{2}$%   24. $2\frac{3}{10}$%

(P 118)

32. **Course Grade** To get an A in a course, you must have an average of at least 90 points for 4 tests of 100 points each. For the first 3 tests, your scores are 85, 96, and 89. What must you score on the fourth test to earn a 90% average for the course?

3.3

Finding Equivalent Forms of a Percent In Exercises 33−40, complete the table showing the equivalent forms of the percent.

Percent	Parts out of 100	Decimal	Fraction
33. 60%			
34. 35%			
35.			$\frac{4}{5}$
36.			$\frac{5}{8}$
37.		0.20	
38.		1.35	
39.	55		
40.	12.5		

Solving Percent Equations In Exercises 41−46, solve the percent equation.

41. What number is 125% of 16?

42. What number is 0.8% of 3250?

43. 150 is $37\frac{1}{2}$% of what number?

44. 323 is 95% of what number?

45. 150 is what percent of 250?

46. 130.6 is what percent of 3265?

(p162)