

Practice 5-2

Solving Percent Problems Using Proportions

Use a proportion to solve.

1. 48 is 60% of what number?

3. What percent of 90 is 50?

5. What is 50% of 42.88?

7. What percent of 24 is 72?

9. What is 80% of 12?

2. What is 175% of 85?

4. 76 is 80% of what number?

6. 96 is 160% of what number?

8. What is 85% of 120?

10. 56 is 75% of what number?

Solve.

11. The sale price of a bicycle is \$120. This is 75% of the original price. Find the original price.

12. The attendance at a family reunion was 160 people. This was 125% of last year's attendance. How many people attended the reunion last year?

13. A company has 875 employees. On "Half-Price Wednesday," 64% of the employees eat lunch at the company cafeteria. How many employees eat lunch at the cafeteria on Wednesdays?

14. There are 1,295 students attending a small university. There are 714 women enrolled. What percentage of students are women?
