Practice 6-6

Proportions and Percents

Write a proportion. Then solve. Where necessary, round to the nearest tenth or tenth of a percent.

1. $62\frac{1}{2}\%$ of t is 35. What is t? _____

2. 38% of n is 33.44. What is n? _____

3. 120% of y is 42. What is y? _____

4. 300% of m is 600. What is m? _____

5. 1.5% of h is 12. What is h? _____

6. What percent of 40 is 12? _____

7. What percent of 48 is 18? _____

8. What percent is 54 of 60? _____

9. What percent is 39 of 50? _____

10. Find 80% of 25. _____

11. Find 150% of 74. _____

12. Find 44% of 375. _____

13. Find 65% of 180. _____

14. The Eagles won 70% of the 40 games that they played. How many games did they win?

    _____

15. Thirty-five of 40 students surveyed said that they favored recycling. What percent of those surveyed favored recycling?

    _____

16. Candidate Carson received 2,310 votes, 55% of the total. How many total votes were cast?

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