

Chapter Test A

For use after Chapter 7

Write the percent as a fraction in simplest form.

1. 32% 2. 99% 3. 15% 4. 17%

Write the fraction as a percent.

5. $\frac{2}{5}$ 6. $\frac{13}{20}$ 7. $\frac{29}{100}$ 8. $\frac{41}{50}$

Find the percent of the number.

9. 40% of 5 10. 50% of 22 11. 25% of 60

12. You are one of 16 finalists on a game show. One finalist is randomly selected to answer a trivia question for a prize. What is the probability that you will be selected? Write your answer as a percent.

13. On a math test, you obtained a score of 66 points. This was 88% of the total number of points on the test. How many total points were on the test?

Write the decimal as a percent or the percent as a decimal.

14. 6% 15. 0.5% 16. 120% 17. 326%
18. 0.13 19. 0.04 20. 1.8 21. 2.25

Find the percent of the number.

22. 34% of 200 23. 10% of 120 24. 180% of 65

25. Your annual income is \$24,000. Last year, you spent 22% of your annual income for rent. How much did you spend for rent last year?

Use a proportion or the percent equation to answer the question.

26. What number is 91% of 200?
27. What number is 5% of 80?
28. 26 is 40% of what number?
29. 35 is 50% of what number?
30. What percent of 90 is 15?
31. What percent of 50 is 45?
32. In a town election, 5985 people voted. This is 63% of the town's population who are registered to vote. How many people in the town are registered to vote?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____
23. _____
24. _____
25. _____
26. _____
27. _____
28. _____
29. _____
30. _____
31. _____
32. _____