

Unit 8: Percent

8.1 Extra Practice: Fractions, Decimals and Percent

Write the percent as a fraction. Reduce to lowest terms

1. 16%

2. 28%

3. 35%

4. 52%

5. 71%

6. 47%

7. 83%

8. 68%

Write the fraction as a percent.

9. $\frac{31}{50}$

10. $\frac{13}{20}$

11. $\frac{8}{25}$

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

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

14. $\frac{3}{10}$

15. $\frac{91}{100}$

16. $\frac{19}{25}$

17. You buy cottage cheese that is 4% milk fat. What fraction of the cottage cheese is milk fat?

18. A basketball player makes 21 of her 25 free throw attempts during practice. What percent of her free throws did the player make?

19. In a survey of 150 students, 30% said their favorite house pet is a goldfish. How many students said their favorite house pet is a goldfish?

20. In a shipment of watermelons to a grocery store, $\frac{1}{50}$ of the watermelons are damaged. What percent of the watermelons are damaged?

Write the percent as a decimal.

1. 81%

2. 78%

3. 5%

4. 8%

5. 16.75%

6. 150%

7. 210%

8. 186%

9. 100.8%

10. 5.17%

11. 0.4%

12. 0.04%

Write the decimal as a percent.

13. 0.66

14. 0.32

15. 0.01

16. 0.04

17. 0.312

18. 0.5

19. 1.2

20. 1.08

21. 1.16

22. 0.003

23. 0.0245

24. 2.025

25. Only 0.15 of the total number of vehicles in your school parking lot are buses. What percent of the vehicles are buses?

26. You spent 0.88 of your allowance this week. What percent of your allowance did you spend?