

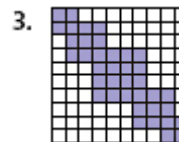
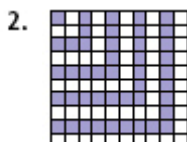
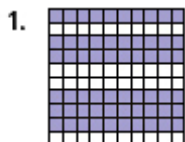
Percents

Review 6.1 / Proportions and Percents

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6.1.1 Percents

Write the percent modeled by each grid.



Write each percent as a fraction in simplest form.

4. 83%

5. 55%

6. 34%

Write each percent as a decimal.

7. 48%

8. 30.2%

9. 8.39%

6.1.2 Percents, Decimals, and Fractions

Write each decimal as a percent.

10. 0.15

11. 0.325

12. 0.081

Write each fraction as a percent.

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

14. $\frac{3}{8}$

15. $\frac{3}{16}$

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6.1.3 Estimating with Percents

Use a fraction to estimate the percent of each number.

16. 8% of 261 17. 53% of 142 18. 23% of 98 19. 18% of 42

20. **Consumer Math** A pair of shoes at The Value Store costs \$20. Fancy Feet has the same shoes on sale for 25% off the regular price of \$23.99. Which store offers the better price on the shoes?

21. Marc's lunch cost \$8.92. He wants to leave a 15% tip for the service. About how much should his tip be?

Use 1% or 10% to estimate the percent of each number.

22. 41% of 16 23. 83% of 70 24. 11% of 99 25. 24% of 49

6.1.4 Finding Percents

Find the percent of each number.

26. 16% of 70 27. 118% of 3,000 28. 5% of 58 29. 103% of 50

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30. 9% of 40

31. 220% of 18

32. 2.9% of 60

33. 0.2% of 160

34. In 2004, there were 19,396 bulldogs registered by the American Kennel Club. Approximately 86% of this number were registered in 2003. About how many bulldogs were registered in 2003?