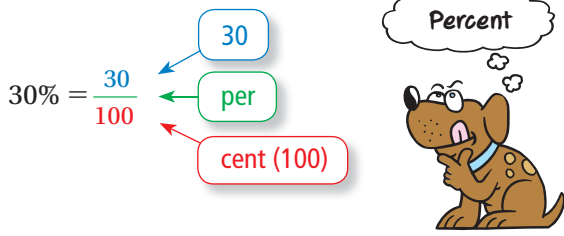


REVIEW: Percents

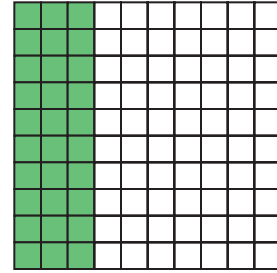
Name _____

Key Concept and Vocabulary



Visual Model

30% is equal to 30 parts out of 100 parts.



Skill Examples

30% of 10 is 3:

$$\frac{30}{100} \cdot 10 = 3$$

1. 30% of 10 is 3:

2. 25% of 8 is 2:

$$\frac{25}{100} \cdot 8 = 2$$

3. 50% of 24 is 12:

$$\frac{50}{100} \cdot 24 = 12$$

4. 75% of 80 is 60:

$$\frac{75}{100} \cdot 80 = 60$$

Application Example

5. You earn \$100,000 and have to pay 40% federal income tax. How much in federal income tax do you pay?

$$\frac{40}{100} \cdot 100,000 = 40,000.$$

• You pay \$40,000 in federal income tax.



PRACTICE MAKES PURR-FECT®

Check your answers at BigIdeasMath.com.

Find the percent of the number.

6. 20% of 50 = 10

7. 10% of 80 = 8

8. 1% of 100 = 1

9. 25% of 16 = 4

10. 30% of 40 = 12

11. 100% of 5 = 5

12. 60% of 60 = 36

13. 75% of 40 = 30

14. 25% of 200 = 50

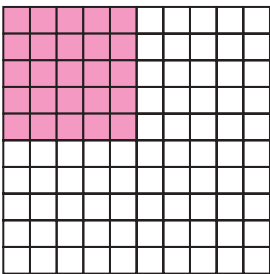
15. 10% of 120 = 12

16. 0% of 10 = 0

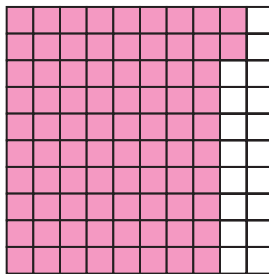
17. 50% of 42 = 21

Shade the model to show the given percent.

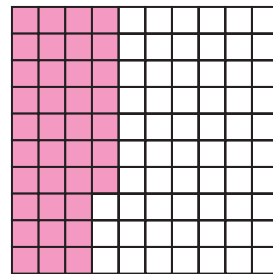
18. 25%



19. 82%



20. 37%



21. **TEST SCORE** You take a test that has 20 questions and you get 80% of the questions correct. How many questions do you get correct? 16 questions

22. **SALES TAX** You buy \$50 worth of clothes. The sales tax is 8%. How much sales tax do you pay? \$4