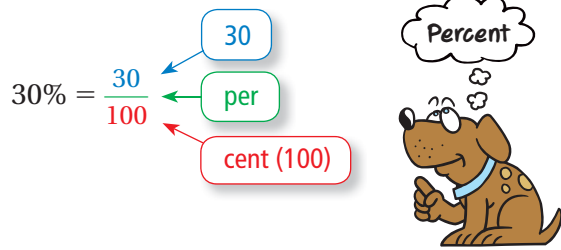


REVIEW: Percents

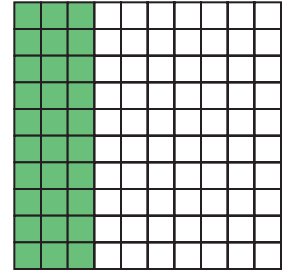
Name _____

Key Concept and Vocabulary



Visual Model

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



Skill Examples

- 30% of 10 is 3:
- 30% of 10 is 3: $\frac{30}{100} \cdot 10 = 3$
 - 25% of 8 is 2: $\frac{25}{100} \cdot 8 = 2$
 - 50% of 24 is 12: $\frac{50}{100} \cdot 24 = 12$
 - 75% of 80 is 60: $\frac{75}{100} \cdot 80 = 60$

Application Example

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

40% of 100,000 is 40,000.

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



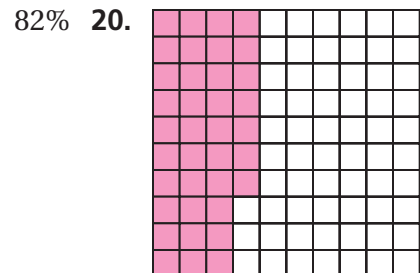
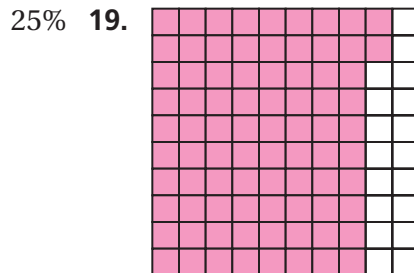
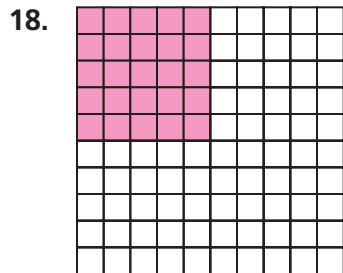
PRACTICE MAKES PURR-FECT™

Check your answers at BigIdeasMath.com.

Find the percent.

- 20% of 50 = 10
- 10% of 80 = 8
- 1% of 100 = 1
- 25% of 16 = 4
- 30% of 40 = 12
- 100% of 5 = 5
- 60% of 60 = 36
- 75% of 40 = 30
- 25% of 200 = 50
- 10% of 120 = 12
- 0% of 10 = 0
- 50% of 42 = 21

Shade the model to show the given percent.



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