Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Core \_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Practice B

5.5

Write the percent as a fraction or mixed number in simplest form.

1. 35% 2. 81.4% 3. 210% 4. 0.8%

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Write the fraction or mixed number as a percent.

5.  7.  9.  11. 

\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Find the percent.

13. 12 is what percent of 40? 14. 6 is what percent of 16?

\_\_\_\_\_ \_\_\_\_\_

15. On a school bus, 22 of the 40 students are in window seats. What fraction   
of the students are in window seats?

\_\_\_\_\_\_

TURN OVER →

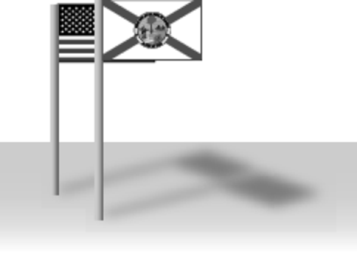
16. You and a friend are selling lemonade. You sell three times as many   
cups as your friend. What percent of the cups sold were sold by your friend? Explain.

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**** 17. The United States flag is actually 105% as tall as the state flag of Florida. Write this percent as a mixed number and explain   
why the perspective in the figure may   
be misleading.

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 19. Copy the square. Then draw another square with sides that are  as long. What percent of the area of the original square is the area of the smaller square?

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20. The weight of a tree is doubling every 3 years. In how many years will the weight of the tree be 1600% of its weight now?

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