

Name: _____



PRACTICE



TUTORIAL

6-2 Additional Practice

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In 1–9, write each number in two equivalent forms as a fraction, a decimal, or a percent.

1. 0.24

2. $\frac{2}{100}$

3. 16%

4. 0.43

5. 18%

6. $\frac{1}{8}$

7. $\frac{1}{4}$

8. 5%

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

In 10–15, use the circle graphs.

10. **Reasoning** What decimal shows the combined portion of boys who like pop and country music? © MP.2

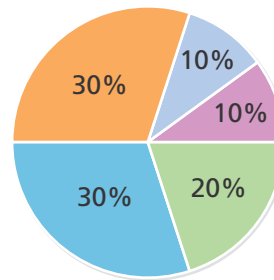
11. What type of music did $\frac{1}{5}$ of the girls choose as their favorite?

12. Which types of music are the favorites for the most boys? Write the percent of each as a fraction.

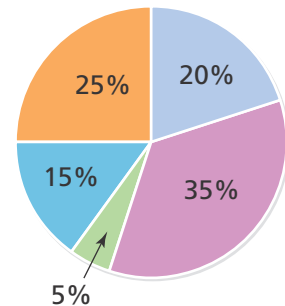
13. Which type of music is the least favorite music for the girls? What is that percent as a decimal?

14. Which two types of the girls' favorite music combined represent 0.45? Write each percent as a fraction.

Boys' Favorite Music



Girls' Favorite Music



Country Pop Rock R&B Hip-Hop

15. Which types of music are the boys' least favorite? Write each percent as a fraction and a decimal.



16. Two out of every 5 customers at a restaurant use cash to pay for their meal. What percent of the customers pay with cash?
17. Enrollment in French class at a high school is 0.72 of enrollment in Spanish class. What is enrollment in French class compared to Spanish class as a fraction and as a percent?
18. **Reasoning** Write $\frac{9}{12}$ as a decimal and as a percent. Describe two ways to find the answer. © MP.2
19. **Critique Reasoning** Sixty percent of the students in Zachary's class ride their bikes to school. Zachary says that $\frac{6}{10}$ of the students ride their bikes to school. Is he right? Explain. © MP.3
20. Ramon played in 0.7 of his team's basketball games this season. What percent of the games did Ramon play?
21. Nancy recorded 8 movies on her DVR. She watched 5 of the movies. What percent of the movies did Nancy watch?
22. Shelly sold $\frac{8}{25}$ of the total number of raffle tickets for a fundraiser. Write this fraction as a decimal and as a percent.
23. **Higher Order Thinking** Three classes have the same number of students. The teachers compared attendance on one Friday. Mr. Lopez had 92.5% of his students in class. Mrs. Foster had $\frac{19}{20}$ of her students in class. In Ms. Kelly's class, 0.9 of the students were present. Which teacher had the most students in class that Friday?

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In 24 and 25, draw lines to match each fraction, decimal, or percent on the right to the equivalent fraction, decimal, or percent on the left.

24.

$\frac{7}{25}$	60%
8%	0.44
$\frac{3}{5}$	$\frac{2}{25}$
$\frac{22}{50}$	28%
25.

$\frac{4}{25}$	0.06
6%	10%
0.1	$\frac{7}{8}$
0.875	0.16

