

# Ratio Review

Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_

## Write the correct answer.

1. The Rockport Diner has 8 seats at the counter and 32 seats at tables. Of these seats, 16 are taken. Write the ratio of seats taken to empty seats in simplest form three ways.  
\_\_\_\_\_
2. During the 2001 WNBA season, the Los Angeles Sparks had 28 wins and only 4 losses. Write the ratio of wins to games played in simplest form three ways.  
\_\_\_\_\_
3. For every 300 people surveyed in 2002, 186 said their favorite Winter Olympic sport was figure skating. Write this ratio in simplest form three ways.  
\_\_\_\_\_
4. In 2004, George W. Bush received 286 electoral votes, and John Kerry received 251, and 1 elector voted for John Edwards. Write the ratio of Bush's electoral votes to total electoral votes in simplest form three ways.  
\_\_\_\_\_

## Choose the letter for the best answer.

5. There are 62 girls in the seventh grade and 58 boys in the eighth grade. Each grade has 120 students. Which statement correctly compares the ratios of boys to girls in each grade?  
A The eighth-grade ratio is greater.  
B The seventh-grade ratio is greater.  
C The eighth-grade ratio is lesser.  
D Both ratios are equal.
6. Matt has 6 video racing games and 8 video sports games. Which ratio is the ratio of racing games to total video games in simplest form?  
F  $\frac{3}{4}$                       H  $\frac{4}{3}$   
G  $\frac{3}{7}$                          J  $\frac{4}{7}$
7. Which player has the greatest ratio of baskets to total shots?  
A Marisol  
B Nina  
C Joanne  
D Talia

	Baskets	Missed Shots
Marisol	8	8
Nina	7	5
Joanne	2	4
Talia	5	3

The annual dog show has 22 collies, 28 boxers, and 18 poodles.  
Write each ratio in all three forms.

1. collies to poodles

2. boxers to collies

3. poodles to boxers

4. poodles to collies

The Franklin School District has 15 art teachers, 27 math teachers, and 18 Spanish teachers. Write the given ratio in all three forms.

5. art teachers to math teachers

6. math teachers to Spanish teachers

7. Spanish teachers to all teachers

8. art and math teachers to Spanish teachers

9. Thirty-two students are asked whether the school day should be longer. Twenty-four vote "no" and 8 vote "yes." Write the ratio of "no" votes to "yes" votes in simplest form.

10. A train car has 64 seats. There are 48 passengers on the train. Write the ratio of seats to passengers in simplest form.

11. Tell whose CD collection has the greater ratio of rock CDs to total CDs.

	Glen	Nina
Classical CDs	4	8
Rock CDs	9	12
Other CDs	5	7