

Independent Practice

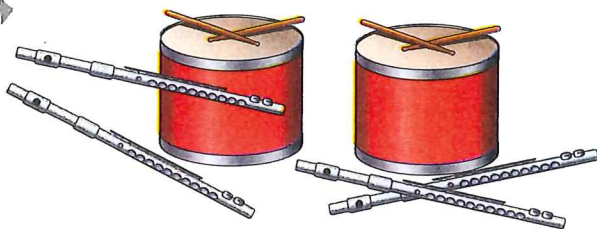
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Write each ratio as a fraction in simplest form. Then explain its meaning. (Example 1)

1. _____ 2. _____

Show your work.



flutes:drums



sandwiches to milk cartons

3. A class has 6 boys and 15 girls. What is the ratio of boys to girls?

(Example 2) _____

4. The table shows the number of books Salvador has read. Find the ratio of mystery books to the total. Explain its meaning. (Example 3)

Type	Number of Books
Mystery	10
Nonfiction	7
Science Fiction	5
Western	2

5. Divide 33 photos into two groups so the ratio is 4 to 7. (Example 4)

6. **PS Model with Mathematics** Refer to the graphic novel frame below for Exercises a–b.



- a. For each store, what is the ratio of the number of cans to the price?

- b. What would be the ratio of the number of cans to the price at Super Saver and Price Busters if a coupon for \$1 off the total purchase is used?

Power Up! Test Practice

18. At a putt-putt course there are 50 yellow golf balls, 45 red golf balls, 65 blue golf balls, 40 orange golf balls, and 60 green golf balls. Select the correct ratio to complete the table.

8:13	4:5
5:6	3:4
10:9	12:13

Comparison	Ratio	Comparison	Ratio
yellow to red		red to green	
yellow to green		orange to yellow	
green to blue		orange to blue	

19. The table shows the number of each type of sports card that Jaclyn has collected.

baseball	basketball	football	soccer
45	14	20	21

Write a ratio in simplest form that compares the number of basketball cards to the total number of cards.

Spiral Review

Find the equivalent fraction.

20. $\frac{3}{7} = \frac{\square}{21}$

21. $\frac{1}{6} = \frac{\square}{24}$

22. $\frac{4}{5} = \frac{28}{\square}$

23. The Sanchez family is going on vacation. If they drive for 3 hours at the posted speed, how many miles will they travel?



24. Everett made $\frac{3}{5}$ of the baskets he shot. Suppose he shot 60 baskets.

How many did he make? _____

25. There are 36 students in Mrs. Keaton's sixth grade class. If $\frac{5}{12}$ of her students are girls, how many girls are in the class? _____