

Name

My Homework

Independent Practice

Go online for Step-by-Step Solutions



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

 $\frac{2}{1}$. For every 2 flutes, there is 1 drum.

2. $\frac{2}{5}$; For every 2 sandwiches, there are

5 milk cartons.





flutes:drums

sandwiches to milk cartons

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

 (Example 2) 5; For every 2 boys, there are 5 girls in the class.
- 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) 12, 5 to 12, or 5:12; 5 out of every 12 books were mysteries.
- 5. Divide 33 photos into two groups so the ratio is 4 to 7. (Example 4)12 photos in the first group and 21 photos in the second group

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

 Model with Mathematics Refer to the graphic novel frame below for Exercises a-b.





Glossary

Index

Answers: On Off





(Example 2) 5; For every 2 boys, there are 5 girls in the class.

- The table shows the number of books Salvador has read. Find the ratio of mystery books to the total. Explain its meaning. (Example 3) 12, 5 to 12, or 5:12; 5 out of every 12 books were mysteries.
- 5. Divide 33 photos into two groups so the ratio is 4 to 7. (Example 4)12 photos in the first group and 21 photos in the second group

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

 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?
 Super Saver: 24/\$5; Shop Smart: 16/\$3; Price Busters: 4/\$1
- 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?

 Super Saver: ¹⁶/_{\$3}; Price Busters: ⁹/_{\$2}

m/repository/protected_content/EBOOK/50000783/55/88/Launch.html?stateCode=OH&page=31&mghCourseID=FB1KT63XC56B4RREEHRE98SCX

Answers: On Off Glossary Index H.O.T. Problems Higher Order Thinking 8. Model with Mathematics Create three different drawings showing a number of rectangles and circles in which the ratio of rectangles to circles is 3:1. Sample answer: 9. Persevere with Problems Find the missing number in the following pattern. Explain your reasoning. 12, 24, 72, 288, **1,440** The ratios are 1:2, 1:3, 1:4, and 1:5. 10. Persevere with Problems The table shows how Levon spends Activity Time (min) his time at the gym. Over the course of a week, he wants to spend 600 Treadmill 25 minutes at the gym. How much more time will he spend lifting weights than on the treadmill? Explain your reasoning. Lifting weights 35 100 min; He spends 60 minutes on the treadmill and lifting weights. The ratio of time he spends on the treadmill is 25:60 or 250:600. So, he will spend 250 minutes on the treadmill and 350 minutes lifting weights. He will spend 350 - 250 or 100 more minutes.