

Sarah's basketball team had a win-to-loss ratio of 4 to 3. They played a total of 70 games. How many games did they win?

Pella rode her bike for 3 hours. She made 9 trips around the block in the first hour. When she was finished, she had made 21 trips around the block. If she rode the same route at the same speed during the last 2 hours of her ride, how many times did she go around the block during each of the last 2 hours?

A store charges \$2.08 for a 16-ounce container of peanut butter. The store also sells a 32-ounce container of the same brand of peanut butter for \$3.52. What is the difference in cost per ounce of the two containers of peanut butter?

After a workout, Ricardo counted 15 heartbeats in 5 seconds. Which of these describes the rate of Ricardo's heartbeat?

- A. 180 heartbeats per min
- B. 180 min per heartbeat
- C. 180 seconds per heartbeat
- D. 20 heartbeats per sec

Philip took a quiz that had 50 questions and he got 38 answers correct. What percent of the questions did Philip answer correctly?

Amalia owes taxes equal to 18% of her pay. If she owes \$1,325 in taxes, approximately what is her pay?

Ms. Fernandez's class voted to have a ice cream party on Thursday or Friday. There were 70% of the students who voted for Friday. What fraction of the class voted for Friday?

Carla walked to school 20% of the time during the first 60 days of school. How many days should Carla walk to school during the next 120 days if she wants to walk to school 40% of the time for the entire 180 days?

Linda spent 80% of her savings on furniture and the rest on a TV. If the TV cost her \$400, what were her original savings?

Mr. Anderson's class of 20 students consists of 20% boys. How many boys should be added to Mr. Anderson's class so there are just as many boys as there are girls?

During the past 40 days of school, Jacob rode his bike 8 days and rode the bus 4 days. What percent of the past 40 days did Jacob go to school another way?

For an art project, Hazel mixed 3 cups of salt, 5 cups of flour, and 2 cups of water to make salt clay. Using Hazel's recipe, how many cups of salt are needed for each cup of flour?

Danica paid \$40.00 for 10 gallons of gas. The next customer bought gas at the same rate as Danica. Which statement is true?

A The next customer spent \$4 for each gallon of gas

B The next customer bought 4 gallons of gas for \$1.00

C The next customer bought 40 gallons of gas for \$1.00

D The next customer spent \$40.00 for each gallon of gas

Sam budgeted his monthly income, as shown in the table:

Category	Percent
Rent	25%
Utilities	20%
Food	15%
Entertainment	15%
Savings	15%
Other	10%

If Sam budgeted \$150 for savings, how much was Sam's total monthly income?

Stephen is writing a horror novel. Each day he recorded how many pages he wrote and how many hours he took to write the pages. His data is recorded in the table below.

Which was Stephen's most productive day, in pages per hour?

Day	Pages Written	Hours Writing
Monday	30	15
Tuesday	36	6
Wednesday	77	11
Thursday	48	12