

A. Write each ratio as a fraction in lowest terms.

1. Stan made 24 sales in 6 hours. What is the ratio of sales to hours?

2. Carol's monthly take-home pay is \$1500. She spends \$250 a month on food. What is the ratio of food costs to take-home dollars?

3. A toy rocket travels 180 ft in 15 sec. What is the ratio of feet to seconds?

4. At Phil's work, there are 12 part-time workers and 18 full-time workers. What is the ratio of part-time workers to total workers?

5. Juanita drove 336 miles on 14 gallons of gasoline. What is the ratio of miles to gallons?

B. Choose the one best answer to each question.

Questions 10 through 12 refer to the following information.

Three candidates are running for mayor. Below are the results of a survey of 600 registered voters.

Candidate	Number of Supporters
Stothard	220
Mesa	180
Newmark	50
Undecided	150

10. What is the ratio of Mesa's supporters to Stothard's supporters?

A. 9:11

B. 11:9

C. 11:20

D. 20:11

E. 30:11

11. What is the ratio of voters who prefer Mesa to the total number surveyed?

A. 3 to 7

B. 3 to 10

C. 3 to 13

D. 11 to 30

E. 13 to 30

6. Lynn estimates that a roofing job will cost \$1500. Bo estimates that the same job will cost \$2400. What is the ratio of Lynn's estimate to Bo's estimate?

7. A basketball player attempted 32 free throws and made 20. What is the ratio of free throws made to free throws missed?

8. There are 10 men and 14 women in Kathleen's math class. What is the ratio of women to the total number of students in the class?

9. To paint his apartment, Alex bought 6 gallons of paint to cover 1440 square feet. What is the ratio of square feet to gallons of paint?

12. What is the ratio of undecided voters to voters who have made a decision?

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

B. $\frac{1}{3}$

C. $\frac{1}{3}$

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

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

13. Soan made a \$400 down payment on a washer and dryer that cost a total of \$1200. What is the ratio of the amount Soan has paid to the amount he still owes?

A. 1 to 4

B. 1 to 3

C. 1 to 2

D. 2 to 3

E. 2 to 1

14. A team played 77 games and won 56 of them. There were no tied games. What is the ratio of wins to losses?

A. 3:8

B. 8:11

C. 11:8

D. 7:5

E. 8:3