

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

Solve.

- 1) The ratio of a quarterback's completed passes to attempted passes is 2 to 9. If he attempted 45 passes, find how many passes he completed. Round to the nearest whole number if necessary. 1) _____
- 2) The ratio of a basketball player's completed free throws to attempted free throws is 5 to 9. If she completed 20 free throws, find how many free throws she attempted. Round to the nearest whole number if necessary. 2) _____
- 3) It takes Mary Alice 22 minutes to type and spell check 6 pages of a manuscript. Find how long it takes her to type and spell check 15 pages. Round answers to the nearest whole number if necessary. 3) _____
- 4) It takes Mark 12 minutes to type and spell check 10 pages. Find how many pages he can type and spell check in 2.5 hours. Round answers to the nearest tenth if necessary. 4) _____
- 5) It is recommended that there be at least 12.6 square feet of floor space in a classroom for every student in the class. Find the minimum floor space that 27 students require. Round to the nearest tenth if necessary. 5) _____

Write each decimal as a percent.

- 6) 0.64 6) _____
- 7) 0.7 7) _____
- 8) 0.119 8) _____
- 9) 1 9) _____
- 10) Last year Jeeza spent 0.214 of her income for insurance. Write this decimal as a percent. 10) _____
- 11) The Sayed family saves 0.1217 of their income. Write this decimal as a percent. 11) _____

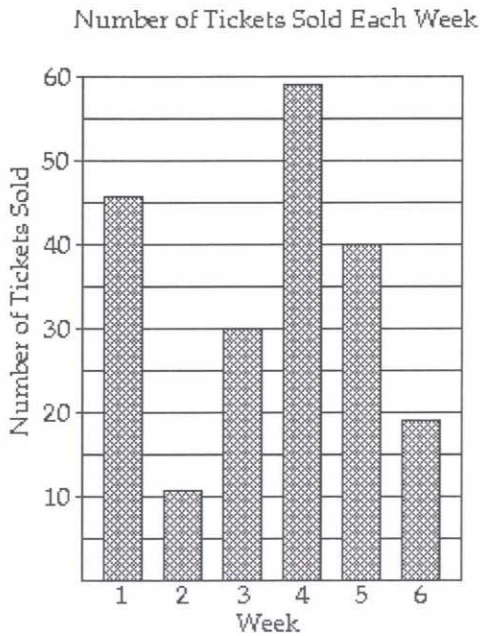
Write each percent as a decimal.

- 12) 66% 12) _____
- 13) 170% 13) _____
- 14) 0.1% 14) _____
- 15) 15.98% 15) _____
- 16) In the last election Mr. Hayes received 0.045% of the vote. Write this percent as a decimal. 16) _____

Solve.

- 17) A basketball player made 30 out of 100 attempted free throws. What percent of free throws was made? 17) _____
- 18) A dart player made 89 bull's eyes out of 100 attempted throws. What percent of the throws were NOT bull's eyes? 18) _____
- 19) In a survey of 100 people, 4 preferred relish on their hot dogs. What percent preferred relish? 19) _____
- 20) In a survey of 100 people, 17 preferred peach syrup on their ice cream. What percent did NOT prefer peach syrup? 20) _____

The bar graph shows the number of tickets sold each week by the garden club for their annual flower show.



- 21) During which week was the most number of tickets sold? 21) _____
- 22) During which week was the fewest number of tickets sold? 22) _____
- 23) How many tickets were sold during week 6? 23) _____
- 24) During which week were 11 tickets sold? 24) _____
- 25) How many more tickets were sold during week 5 than week 2? 25) _____

Answer Key

Testname: PROBABILITY-REVIEW.TST

- 1) 10 passes
- 2) 36 free throws
- 3) 55 minutes
- 4) 125.0 pages
- 5) 340.2 square feet
- 6) 64%
- 7) 70%
- 8) 11.9%
- 9) 100%
- 10) 21.4%
- 11) 12.17%
- 12) 0.66
- 13) 1.7
- 14) 0.001
- 15) 0.1598
- 16) 0.00045
- 17) 30%
- 18) 11%
- 19) 4%
- 20) 83%
- 21) Week 4
- 22) Week 2
- 23) 19 tickets
- 24) Week 2
- 25) 29 tickets