

Practice Test

- 1) Janice needed to buy equipment for the 42 players in her soccer league. Each player will require a soccer ball, shin guards, and a team shirt. If each soccer ball costs \$18.69, each shin guards \$12.85 and each team shirt \$22.97, about how much will Janice need to spend?
 - 2) Approximate the value of $.07 \times 352$
 - 3) Which expression below has the smallest value?
 - a) $.43 \times 7,333$
 - b) $.5 \times 5,000$
 - c) $.039 \times 60,004$
 - d) $.042 \times 700$
 - 4) It took Nancy 8 hours to travel 2200 miles by airplane. What was the plane's approximate rate of speed?
 - 5) What is the approximate sum of the product of 4.2 and 8.3 and 45?
 - 6) What is the approximate area of a garden that measures 12,344 ft. by 3,788 ft.?
 - 7) What is the product of 5.2 multiplied by .785?
 - 8) If Machine A can make 1542.5 lbs. of plastic in one hour, while Machine B can make 683 lbs. of plastic in 20 minutes, which machine is quicker?
 - 9) John bought six card games and nine 10-sided dice. If the card games cost \$65.24 altogether, and the 10-sided dice cost .75 each, approximately how much will John's purchase be in total?
 - 10) If a crate of extra-large pumpkins weighs 4,325 lbs. and contains 83 pumpkins, what is the approximate weight of one pumpkin?
 - 11) What is the approximate area of a lawn that measures 9 yards by 33.2 feet?
 - 12) If Carl drove 558 miles in 9 hours, what was his average rate of speed?
 - 13) Approximate $82,329 \div 923$
 - 14) 423 pooled their money to buy a lottery tickets, and they were to divide the winnings between them. If one of the tickets was a winner where the prize was \$250,000,000, and they divide the prize up evenly, approximately how much money will each person get?
- Period 1 is Done Period 2 and 4 continue...
- 15) It took Rodney 12 days to paint 9 portraits. If he accepts a job to paint 21 portraits, how many days will it take him?
 - 16) For \$25 Mary can buy 40 small watermelons. How many watermelons could she get for \$35?
 - 17) According to a data collecting company, a local fast food restaurant can serve 72 patrons every 56 minutes. How long would the restaurant take to server 45 patrons?