

To succeed in math classes and on math tests, students need to become effective problem-solvers. Strategies such as using comprehension, organizational, and reasoning skills are the foundation for solving word problems.

The Five-Step Process for solving multistep word problems

- Understanding the Question
- Finding the Information
- Making a Plan
- Solving the Problem
- Checking the Answer

Select the best answer for the following questions and type it on the line provided.

1. Paul has \$60 in cash. He buys a belt for \$12.50, a duffle bag for \$25.00 and a tie for \$10.00. If Paul has to pay 6.25% in sales tax, how much does he have left? \_\_\_\_\_
  - a. \$12.50
  - b. \$11.24
  - c. \$10.75
  - d. \$9.53
2. A circular pool, 14 feet in diameter, has a 4-foot wide patio that surrounds it. What is the approximate area of the patio in square feet? \_\_\_\_\_
  - a. 380 sq. ft.
  - b. 226 sq. ft.
  - c. 154 sq. ft.
  - d. 250 sq. ft.
3. At Save Bucks the regular price of an MP3 player is \$149.99. It is on sale for 25% off. Roscos have the same MP3 player on sale for \$115.00. Which store has the better deal? Answer: \_\_\_\_\_
4. Marissa worked 27 hours last week and only a few hours this week. She makes \$12 per hour. Her paycheck for the two-week period was \$420 before deductions. How many hours did she work this week? \_\_\_\_\_
  - a. 4.5 hours
  - b. 6 hours
  - c. 8 hours
  - d. 12 hours

5. Friday night twice as many people attended the boy's basketball game as the girl's basketball game. If there were a total number of 675 people in attendance, how many people were at each game? \_\_\_\_\_
- a. girl's game 250/boy's game 425
  - b. girl's game 225/boy's game 450
  - c. girl's game 325/boy's game 350
  - d. girl's game 300/boy's game 375