

## Word Problems – Using Whole Numbers

1. Ethan initially bid \$4 for a lamp, but he had to raise his bid to \$7 to win the lamp. He also won bids for the following items: a table for \$18, a chair for \$17, and a desk for \$34. How much money did Ethan spend at the auction?
2. Our friends gave us notice that they are going to leave for vacation early tomorrow. They plan to drive five hundred eighty-six miles tomorrow, four hundred forty miles on Tuesday, and ninety-seven miles on Wednesday. How many miles will they drive in all?
3. Steven and Luis want to join the swimming team. Right now there are eighteen people on the team. Half of the swimmers will be boys and half will be girls after they join. How many boys will be on the team after they join the team?
4. Tonya baked some cookies for her grandmother. She baked a dozen chocolate chip cookies, two-dozen oatmeal cookies, and nine sugar cookies. How many cookies did she bake?
5. Tyler Jefferson is running for governor. Some of his friends are going to have a benefit dinner for him. A ticket to the dinner costs \$52. Four hundred twelve people have purchased tickets. How much money will the dinner raise for Mr. Jefferson's campaign fund?
6. Mrs. Smith has to calculate the number of students in her class so she can make sure that she has enough math books in her crate. There are four rows of chairs with eight chairs in each row in the classroom. There are five empty chairs. How many students does Mrs. Smith have in her class?
7. A mouse is moving his family to another nest. The mouse had a wife and eight sons. Each son had a wife and five children. If the mouse brought his whole family, how many mice would be in the new nest?
8. Mr. O'Leary commutes 34 miles one way to work each day in his car. If he works 5 days per week, how many total miles did he commute in the last four weeks?
9. Marie's room was covered with new wallpaper at a cost of \$2 per square foot. Two walls measured 10 feet by 8 feet and the other two walls were 12 feet by 8 feet. What was the total cost of the wallpaper?
10. Ed's new pickup cost \$3000 down and \$265 per month for 6 years. What is its total price?
11. Upright posts are to be placed at 9 inch intervals on 3 sides of a deck which measures a total of 36 feet. How many upright posts will be needed?

12. One bag of fertilizer will cover an area of 2250 square feet. How many bags will be needed to cover a field which is 180 by 300 feet?
13. Gerald made deposits of \$871, \$925, \$52, and \$186 into his checking account. He also wrote checks for \$312 and \$16. What was the total amount in his account after all activity?
14. Ellie drove from Atlanta to St. Louis and then back to Atlanta. If her odometer read 26,473 miles before she left Atlanta and 27,949 after she got back to Atlanta, how many miles was the one-way trip? (Assume she traveled the same path both directions.)
15. Christina owns 120 acres of farmland. She rents it to a farmer for \$160 per acre per year. Her property taxes are \$43 per acre per year. How much profit does she make on the land each year?
16. Garcia wants to determine the miles-per-gallon rating of his car. He filled the tank when the odometer read 36,339 miles. He drove the car for a week. The odometer then read 36,781 miles and the tank required 17 gallons to be filled. How many miles per gallon did Garcia's car achieve?
17. Josie bought two blouses at \$36 each, four skirts for \$42, and a pair of shoes for \$55. What was the total cost of her shopping trip?
18. A kitchen measures 5 yd by 6 yd. How much would it cost to install new linoleum in the kitchen if the linoleum costs \$2 per square foot?
19. Jana has a job that pays \$7 an hour for a 40-hour work week and \$10 an hour for every hour of overtime that she works. If she works 43 hours, how much money will she make before any deductions are made?
20. Jacque's take home pay for last year was \$21,540. If he got a raise this year for \$1354 before deductions, but his deductions increased by \$146 for the year, how much will his take home pay be this year?

**Answers:** 1. \$76      2. 1123 miles      3. 10 boys      4. 45 cookies  
5. \$21,424      6. 27 students      7. 58 mice      8. 1360 miles  
9. \$704      10. \$22,080      11. 49 poles      12. 24 bags  
13. \$1706      14. 738 miles      15. \$14,040      16. 26 mpg  
17. \$295      18. \$540      19. \$310      20. \$22,748