

WHOLE NUMBER WORD PROBLEMS - 1

- 1) The University of Miriam has 6,327 full-time undergraduate students, 955 part-time undergraduates, and 3,505 graduate students. How many students are registered at U.M.?
- 2) Melanie's living room has 26 square yards of floor space. If carpeting costs \$13 a square yard, what will it cost Melanie to carpet her living room?
- 3) When Keith gave up smoking, he started putting the money he usually spent on cigarettes each week into a savings account. If he used to smoke a carton each week, which costs \$20, how much will he save in a year?
- 4) During the last quarter of the year, the Tiko Toy Company reported the following sales: October - \$137,923, November - \$271,952, December - \$119,573. What was their sale total for this quarter of the year?
- 5) Light travels at a speed of 186,282 miles per second. How far would it travel in 30 seconds?
- 6) A semi-truck weighs 9,250 pounds when empty. After being loaded, it weighs 21,375 pounds. What is the weight of the shipment?
- 7) The sixth grade sold 251 tickets to the Annual School Dance. The fifth grade sold 98 tickets, and the seventh grade sold 427 tickets. How many more tickets did the seventh grade sell than the fifth and sixth grades sold combined?
- 8) The Math lab bought supplies that totaled \$960. They received a discount of \$192 and had to pay sales tax in the amount of \$49. What was the amount paid?

1) 10,787 students
2) \$338

3) \$1040
4) \$529,448

5) 5,588,460 miles
6) 12,125 lbs

7) 78 tickets
8) \$817

- 9) Each car of an Amtrak train has seats for 54 passengers. How many cars will be needed for 1,647 passengers if each passenger is to have a seat?
- 10) If you need 20,722 lbs. of cement, how many sacks would you have to buy if each sack holds 63 lbs.?
- 11) If Richard types at the rate of 72 words per minute, how long would it take him to type an 1800 word report?
- 12) In a three-game series, Ben bowled games of 212, 189, and 193. What was his total for the series? What was his average for the night?
- 13) This week the "Cash for Trash" center is having a special drive on glass bottles. So far this week they have collected 762 on Monday, 1,009 on Tuesday, 897 on Wednesday, and 1,127 on Thursday. The Center is hoping to reach their previous record of 1,000 bottles a day for the six day week of operation. How many more bottles do they need to collect to reach their goal?
- 14) Kim and Bill have been looking for a parcel of land to build a house. They have found two parcels that interest them. One parcel is 9 acres and costs \$2,100 an acre. The other is 12 acres and costs \$1,875 an acre. Which parcel of land costs less and by how much?
- 15) If your heart beats 4,680 times in one hour, how many times does it beat per minute? How many times would it beat in a week?
- 16) Last year on this date, Jim's car odometer read 67,238 miles. It now reads 81,062 miles. How many miles has he driven in the past year? How many miles did he average each month?

- 9) 31 cars 11) 25 min 13) 2,205 more bottles 15a) 78 times b) 786,240 times
 10) 329 sacks 12a) 594 b) 198 14a) 9 acres b) \$3600 16a) 13,824 mi b) 1,152 mi