

Borough of Manhattan Community College

Final Exam Review Part 2

Word Problems

1. Find the (average) mean: 84, 96, 98, 82
2. John has 6 aunts and 9 uncles. What fraction of his relatives are aunts ?
3. How much change would you get from \$100 bill if you bought something for \$43.73 ?
4. If you earned \$ 25.50 per hour, how long would you have to work to earn \$433.50 ?
5. A football league has 1500 players. If 546 are new to the league, how many players are not new ?
6. A camera costs \$500 or you could pay 12 installment payments at \$50 per payment. How much money would you save from paying all at once ?
7. What is the cost of 7 ham sandwiches which cost \$8.95 each and 5 tuna sandwiches which cost \$5.95 each. If you give the cashier a hundred dollar bill, how much change would you get. ?
8. There are 24 students in a class. If $\frac{7}{8}$ are passing, how many students are not passing ?
9. Wrapping paper is used to wrap some packages. If each of the twelve small packages each will require $1\frac{1}{4}$ feet of wrapping paper and each of ten larger packages will require $2\frac{1}{3}$ feet, how much wrapping paper will be needed for all the packages ?
10. A TV which costs \$2,400 is marked down by 20 %. How much is the discount? What is the new cost of the TV?
11. The ratio of chairs to desks at an office is 9 : 4. If there are 63 chairs, how many desks are there ?
12. The ratio of boys to girls on a school bus is 3:2. If there are 12 girls, how many boys are there?
13. Mr. Jones buys an iPhone for \$795.98 and leaves a down payment of 195.98. If he pays off the rest in 15 equal monthly payments, how much will each payment be ?
14. Ms. Johnson has \$4,000 invested in a money market fund. If she receives 2.5% interest on that money, how much interest does she receive?
15. In a parking garage there are 10 trucks, 12 cars, and 3 motorcycles? What percentage of the total vehicles are cars?

