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| MATHObjective: Study Fractions, Percentages, & Decimals**FRACTIONS**Fractions are portions of 1.1  2= 1/2 1=1/2 + 1/21  3= 1/3 1=1/3 + 2/31  4= 1/4 1=1/4 + 3/41  5= 1/5 1=1/5 + 4/51  6= 1/6 1=1/6 + 5/61  7= 1/7 1=1/7 + 6/71  8= 1/8 1=1/8 + 7/81  9= 1/9 1=1/9 + 8/91  10= 1/10 1=1/10 + 9/10Reduced Fractions are the lowest common denominator. Fill In.½ = /4 = /6 = /8 = /101/3 = /6 = /91/4= /81/5= /10**PERCENTAGES**Percentages are based on a 100 scale with 100 being all.50% = ½ of 100%25% = ¼ of 100%20% = 1/5 of 100%10% = 1/10 of 100%125% = 1 1/4 of 100%150% = 1 ½ of 100%He is liked by 1/3 the population \_\_\_\_%He doubled his earnings\_\_\_\_\_\_%The company’s return on invest-ment was:-1/8 on Operations due to money was exchanged into machinery. \_\_\_\_\_%1½ times on Production to Retail Sales. \_\_\_\_\_% | **DECIMALS**Decimals are 1 divided in sections of 10, 100, 1000, etc..1 = 1/10.01 = 1/100.001= 1/1000Decimals are added like regular numbers that continue. 9.148 24.24+ 1.061 - 18.31  .782 3**√**4.54x 2.1\_\_ .42052 532.79x .0035\_ - 9.237**√**5.0005 2.3333333 x .8  2.4444444 87.537+4.6666666 - .87169**√**200861 Square Root 9.922.223 = 1260.06 +2520.12 | **CURRENCY**Decimals are used in most fractional math for accuracy. They are also used in Currency.U.S. Currency is based on a 1/100 or .01 scale.One Hundred Dollar Bill  = $100.00Fifty Dollar Bill = $50.00Twenty Dollar Bill = $20.00Ten Dollar Bill = $10.00Five Dollar Bill = $5.00One Dollar Bill = $1.00Quarter = $.25Dime = $.10Nickel = $.05Penny = $.01An item costs $7.50. You have $20.00. How much will you have left?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_An item costs $.85. What combination of change do you need?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **CLASS 26.5** |