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| MATH  Objective: Study Fractions, Percentages, & Decimals  **FRACTIONS**  Fractions are portions of 1.  1  2= 1/2 1=1/2 + 1/2  1  3= 1/3 1=1/3 + 2/3  1  4= 1/4 1=1/4 + 3/4  1  5= 1/5 1=1/5 + 4/5  1  6= 1/6 1=1/6 + 5/6  1  7= 1/7 1=1/7 + 6/7  1  8= 1/8 1=1/8 + 7/8  1  9= 1/9 1=1/9 + 8/9  1  10= 1/10 1=1/10 + 9/10  Reduced Fractions are the lowest common denominator. Fill In.  ½ = /4 = /6 = /8 = /10  1/3 = /6 = /9  1/4= /8  1/5= /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= 1/1000  Decimals are added like regular numbers that continue.  9.148 24.24  + 1.061 - 18.31    .782 3**√**4.54  x 2.1\_\_  .42052 532.79  x .0035\_ - 9.23  7**√**5.0005 2.3333333  x .8    2.4444444 87.537  +4.6666666 - .871  69**√**200861 Square Root 9.9  22.223 = 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  = $100.00  Fifty Dollar Bill = $50.00  Twenty Dollar Bill = $20.00  Ten Dollar Bill = $10.00  Five Dollar Bill = $5.00  One Dollar Bill = $1.00  Quarter = $.25  Dime = $.10  Nickel = $.05  Penny = $.01  An 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** |