

Name _____
Alg1

March 5, 2020
Word Problems

1) A jar of change has \$53.95 in it. There are 7 more dimes than double the amount of nickels. There are 3 fewer quarters than double the amount of nickels. How many nickels, dimes, and quarters are in the jar? (There are no pennies.)

2) A jar of change has \$22.00 in it. There are 12 nickels less than triple the amount of quarters and 2 more dimes than quadruple the amount of quarters. How many nickels, dimes, and quarters are in the jar?

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3) A jar of change has ***\$46.15*** in it. There are 4 nickels less than twice the amount of dimes and 3 quarters more than quadruple the amount of dimes. How many nickels, dimes, and quarters are in the jar? (There are no pennies.)

4) A phone call cost \$11.70. Introductory minutes cost \$.18/min and additional minutes are \$.09/min. If there were 5 less introductory minutes than triple the additional minutes, how many minutes were billed at each rate?

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5) Booh-bah flew into Taco Bell for some Meximelts, which cost \$.99 and some Double Decker Tacos, which cost \$1.29. Booh-bah was hungry and he spent \$52.47. If he bought 3 more Double Deckers than triple the Meximelts, how many of each did he buy?

6) The souvenir stand sold Yankee hats for \$15 and Mets hats for \$11. The store sold 8 more Yankee hats than 12 times the Mets hats and made \$693. How many of each hat were sold?