

Name _____
Alg1

February 28, 2019
Word Problems II

1) Sarah and Molly went to the burger stand and bought dinner. Sarah bought 2 burgers and 1 fries for \$14.75. Molly bought 1 burger and 2 fries for \$11.65. Find the cost of 3 burgers and 4 fries.

2) There was a jar of change filled with pennies and dimes. If there were 500 coins and the value of those coins was \$23.63, find how many of each coin were in the jar.

Answer Key:

- 1) Price of a Burger \$5.95, Price of 1 Fries \$2.85, 3 burgers and 4 fries cost \$.29.25
- 2) 293 pennies, 207 dimes.

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1) Bob has 15 nickels, 22 dimes, and 31 quarters. How much money does Bob have?

2) A jar of change has \$49.55 in it. There are 7 less dimes than twice the amount of nickels and 6 quarters more than double the amount of nickels. How many nickels, dimes, and quarters are in the jar? (There are no pennies.)

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3) Yankee hats cost \$20 and Met hats cost \$17. What is the cost of 15 Yankee hats and 8 Met hats?

4) Yankee hats cost \$20 and Met hats cost \$17. The store sold 7 more Yankee hats than 4 times the amount of Met hats and total sales were \$334. How many of each hat were sold?