Name_____

Homework #4 - Solving Word Problems Involving Cost

Date_____ 5T_____

Make a chart to organize the information. Then solve!

1) In a pile of coins, there are 15 more quarters than loonies. The total value of the coins is $21.25. How many of each type is there?

2) A box contains 140 dimes and nickels. The total value is $11.15. How many of each coin are in the box?

3) Krystal bought 8 books for a total of $213. Math books cost $21 and English books cost $30. How many of each type of book did she buy?

4) Large pizzas cost $12.50 and small pizzas cost $9.00. The pizza parlour sold 38 pizzas for a total of $415.50. How many of each pizza type did they sell?

5) After Jessica collected tips from her paper route customers, she noticed that she has 6 fewer quarters than loonies and 8 more toonies than loonies. If her tips totalled $63.25, how many of each coin did she have?

6) Henry needed to do some shopping. He bought 10 shirts, some pants and some shoes. Short sleeved shirts cost $5, long sleeved shirts cost $8, pants cost $15, and the shoes cost $45. Henry bought one less pair of shoes than long sleeved shirts and twice the amount of pants then shoes. How many of each item did Henry buy if he spent a total of $209? (Be really careful which item you make "x")

Name_____

Homework #4 - Solving Word Problems Involving Cost
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Make a chart to organize the information. Then solve!

1) In a pile of coins, there are 15 more quarters than loonies. The total value of the coins is $21.25. How many of each type is there?

   14 loonies & 29 quarters.

2) A box contains 140 dimes and nickels. The total value is $11.15. How many of each coin are in the box?

   83 dimes and 57 nickels.

3) Krystal bought 8 books for a total of $213. Math books cost $21 and English books cost $30. How many of each type of book did she buy?

   3 Math and 5 English.

4) Large pizzas cost $12.50 and small pizzas cost $9.00. The pizza parlour sold 38 pizzas for a total of $415.50. How many of each pizza type did they sell?

   21 Large and 17 Small.

5) After Jessica collected tips from her paper route customers, she noticed that she has 6 fewer quarters than loonies and 8 more toonies than loonies. If her tips totalled $63.25, how many of each coin did she have?

15 loonies, 9 quarters, 23 toonies.

6) Henry needed to do some shopping. He bought 10 shirts, some pants and some shoes. Short sleeved shirts cost $5, long sleeved shirts cost $8, pants cost $15, and the shoes cost $45. Henry bought one less pair of shoes than long sleeved shirts and twice the amount of pants then shoes. How many of each item did Henry buy if he spent a total of $209? (Be really careful which item you make "x")

3 long sleeved shirts, 7 short sleeved shirts, 2 shoes, and 4 pants.