Write a proper mathematical solution including a conclusion when solving the problems below.

1. May bought an MP3 player for $105. She paid for it with $5 bills and $20 bills. If she used 6 more $5 bills than $20 bills, how many were there of each?

2. Jeff has $4.05 made up of nickels and dimes. If he has seven times as many nickels as dimes, how many dimes does he have?

3. Ron has $21.90 made up of dimes and quarters. If there are 117 coins in all, how many quarters are there?

4. Heather has $300 made up of $5 and $10 bills. If there are 3 more $10 bills than $5 bills, how many $5 bills does she have?

5. A parking meter contained 78 coins made up on dimes and nickels. The total value of the coins was $5.20. How many dimes did it contain?

6. In a spy movie, agent 007 sits at the casino table with a pile of chips worth $30000. There is an equal amount of $100 and $50 chips. Find the total number of chips.

7. Frank collects baseball cards. He has the same number of $5 cards as $2 cards, and their total value is $252. How many of each does he have?

Answers:

1. Three $20 bills, Nine $5 bills
2. 9 dimes, 63 nickels
3. 68 quarters
4. Eighteen $5 bills
5. 26 dimes
6. 400 chips
7. 36 of each