Quiz 3

1. If one number is 7 times another number and the sum of the numbers is 32, the smaller number is
   (a) 2
   (b) 4
   (c) 3
   (d) 5

2. The sum of two numbers is 42 and one number is 6 more than the other number. The smaller number is
   (a) 24
   (b) 26
   (c) 22
   (d) 18

3. If the sum of 3 consecutive numbers is 60, the largest of the three numbers is
   (a) 21
   (b) 22
   (c) 19
   (d) 18

4. If the sum of two even consecutive numbers is 166, the smaller number is
    (a) 81
    (b) 86
    (c) 80
    (d) 82

5. The sum of the digits of a two-digit number is 11. If the digits are reversed, the new number is 45 more than the old number. Find the number.
    (a) 47
    (b) 38
    (c) 56
    (d) 29

6. The ten's digit is two more than the one's digit of a two-digit number. If 17 is added to the number, the answer is 70. Find the number.
    (a) 64
    (b) 53
    (c) 46
    (d) 35

7. In a two-digit number, the ten's digit is 3 more than the one's digit. If the digits are reversed, the difference between the two numbers is 27. Find the number.
    (a) 52
    (b) 63
    (c) 73
    (d) 85

8. A person has 9 more dimes than nickels. If the total amount of money is $1.20, find the number of dimes the person has.
    (a) 9
    (b) 10
    (c) 11
    (d) 12

9. A person has 20 bills consisting of $1 bills and $2 bills. If the total amount of money the person has is $35, find the number of $2 bills the person has.
   (a) 5
   (b) 8
   (c) 10
   (d) 15

10. A bank contains 8 more pennies than nickels and 3 more dimes than nickels. If the total amount of money in the bank is $3.10, find the number of dimes in the bank.
    (a) 17
    (b) 20
    (c) 25
    (d) 15