Understanding and Writing Word Problem

1. 4 times a number added to 15. The results is 39
   A. 4+ 15x = 39 B. 4x +15 =39
   C. 39 + 4x = 15 D. 4x + 39 =15

2. 12 subtracted from twice a number
   A. 12 - 2x B. 12x - 2
   C. 2x - 12 D. 12 - 2 - x

3. James is going on a trip. He went 30 miles and then travel 60 miles each hour. How long will it take him to go 210 miles? Let h = hours
   A. 60h + 30 = 210 B. 30h + 60 = 210
   C. 210 - 60 h = 30 D. 210 - 30h = 6

4. Anye made 50 cupcakes. She has an equal amount of cupcakes in 6 boxes with 2 left over. How many cupcakes will fit in each box. Let c = cupcakes.
   A. 50 + 6c = 2 B. 6 + 2c = 50
   C. 6c + 2 = 50 D. 6c - 50 = 2

5. Bryce opens a savings account with $100 and deposits $50 each month. How long will it take him to save $800. Let m = months
   A. 100m + 50 = 800 B. 800 + 50m = 100
   C. 800 - 50m = 100 D. 100 + 50m = 800

6. Brooke is renting a Limo for the Winter Dance. The limo cost $75 plus $15 each hour. She doesn't want to spend exactly $300. How many hours can she rent the limo. Let h=hours
   A. 75h + 15 = 300 B. 75 + 15h = 300
   C. 15h - 300 = 75 D. 75 - 15h = 300

7. Sam received $150 for his birthday this year. This was $10 less than 3 times the amount he received last year. How much money did Sam receive for his birthday last year?
   A. Let n = Sam's birthday B. Let n= Sam's age
   C. Let n = money Sam go last year D. Let n = money Sam got this year

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8. Jazyme earned a total of $900 last week. This total was $10 less than five times the amount she earned last week. How much money did she earn last week?
Let n = money earned last week

A. 10 - 5n = 900
B. 5n -10 = 900
C. 5n - 900 =10
D. 900 - 5n = 10

9. Chandon charged his customers a flat fee of $25 to fix computers. Then he charged $20 for each hour that he spent fixing the computer. If he made $175 off of his first customer, how many hours did he spend working? Let h = hours worked

A. 20h + 25 = 175
B. 25h + 20 = 175
C. 175 - 20h = 25
D. 175- 25h = 20

10. 75 is 12 less than half a number. Let n = number

A. 12 - 2n = 75
B. 12 - ½ n = 75
C. ½ n - 12 = 75
D. 75 - 2n = 12

LIVEWORKSHEETS