

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. $210 - 60h = 30$
 - 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

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

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| 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

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| 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

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| A. $12 - 2n = 75$ | B. $12 - \frac{1}{2}n = 75$ |
| C. $\frac{1}{2}n - 12 = 75$ | D. $75 - 2n = 12$ |