**** Write the variable terms first when you simplify the expressions or when you write the equations representing each situation below.**

Simplify each expression.

12x + 7 + 8x	2n − 4 + 7n
3x − 2 + 7 − 5x	8 + 4a + 6.2 − 9a

Simplify each expression by using distribution

2(x + 2)	6(x − 5)
4(b − 6) + 19	2x − 3(x + 6)

Write the word sentence as an equation and THEN solve for the variable

6 less than a number "n" is -12	Five more than the product of -3 and a number "m" is 15
8 less than 3 of a number "r" is 22	16 more than ½ of a number "x" is 37

Write and solve an equation to represent each real-world scenario.

Three burgers (each the same price) and 1 large order of fries that is $1.75 is $10.30 . How much is each burger?
You rent bowling shoes for $2.25. You play 4 rounds of bowling, each costing the same amount. You pay a total of $14.85.. How much is each round?
A plumber charges a fee of $95 to come to your home. He also charges 35.50 per hour. You end up paying him $254.75. How many hours was he working at your home?
Alena owns a dance studio and needs to purchase skirts for the ladies team competition. Each skirt costs the same amount of money. She buys 15 of them. She also has a coupon that offers her $25 off of her total purchase. She ends up paying a total of $257.50. What was the cost of each skirt?