

Name _____

Date _____

Mr. Tallman

Homework #48 - Translating Expressions**Identify the variable, coefficient, and constant in each expression.**

1) $8y - 9$ Coefficient: <u>8</u> Variable: <u>y</u> Constant: <u>-9</u>	2) $-\frac{1}{4}x + 13$ Coefficient: <u>$-\frac{1}{4}$</u> Variable: <u>x</u> Constant: <u>13</u>	3) $-5 - 0.25x$ Coefficient: <u>-0.25</u> Variable: <u>x</u> Constant: <u>-5</u>
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Translate the following sentences into expressions or equations. Use "n" for the variable.

4) Five times a number increased by seven

$5n + 7$

5) Three times a number x subtracted from 24

$24 - 3n$

6) 5 greater than half of a number, t

$\frac{1}{2}t + 5$

7) Twice Don's age increased by 8

$2n + 8$

8) \$70 less than the regular price, p

$p - 70$

9) The quotient of the number of days and 30

$\frac{n}{30}$

10) 5 more than a number is twelve.

$n + 5 = 12$

