

Name _____

Date _____

Mr. Tallman

Homework #54 – Translating Expressions

Identify the variable, coefficient, and constant in each expression.

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

4) Eight times a number increased by twelve _____

5) Four times a number x subtracted from 86 _____

6) 5 greater than half of a number, t _____

7) Twice Don’s age increased by 8 _____

8) \$70 less than the regular price _____

9) The quotient of the number of days and 30 _____

10) 5 more than a number is twelve. _____

11) Sam works a job as a waitress. For each shift, she makes a flat wage of \$20 plus \$6 per hour. If Sam makes \$56 for a shift, write an equation to determine the number of hours she works.