

1.3: Write Expressions

“I WILL ...

Translate Verbal Phrases into Expressions.”

I. Translate Verbal Phrases

A. Chart

Addition	Subtraction	Multiplication	Division

B. _____ are numbers, symbols and operators grouped together that show the value; NO EQUAL SIGN

II. Verbal Model Steps

- A. Draw a picture – WE ARE VISUAL!
- B. Write the expression of the verbal model
- C. Translate the verbal model into algebraic expression

III. Model Problems

Ex 1: Translate the verbal phrase into a expression, “The sum of twice a number and 4.”	Ex 2: Translate the verbal phrase into a expression, “Twice the sum of a number and 4.”	Your Turn: 3 times the difference of 22 and the square of a number of a number, m .
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<p>Ex 3: Translate the verbal phrase into an expression, “The quotient when the quantity 10 plus a number x is divided by 2.”</p>	<p>Ex 4: Translate the verbal phrase into an expression, “Twice the quotient of 50 and the sum of a number of x and 8.”</p>	<p>Your Turn: Translate the verbal phrase into an expression, “11 times the quotient of the square of a number x and 5.”</p>
<p>Ex 5: A 48-inch wood stick is to be cut into two pieces so that the longer piece is 3 times the shorter. Write the expression for the length of the remaining side.</p>	<p>Ex 6: A piece of ribbon l feet long is cut from a ribbon 8 feet long. Write an expression for the length of the remaining piece.</p>	<p>Your Turn: A wire is to be cut so that the longer piece is one foot longer than 5 times the shorter piece. Write an expression for the longer piece.</p>

