Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Self-Evaluation Score\_\_\_\_\_\_\_

**Learning Target: Writes algebraic expressions.**

Example: “The product of a number and 6 is increased by 4”

The product (answer to multiplication problem) \_\_\_\_\_\_\_\_\_\_\_\_\_

The product of a number and 6 \_\_\_\_\_\_\_\_\_\_\_\_\_

The product of a number and 6 is increased by (addition) \_\_\_\_\_\_\_\_\_\_\_\_\_

The product of a number and 6 is increased by 4 \_\_\_\_\_\_\_\_\_\_\_\_\_

**YOU TRY IT – *write an algebraic expression for each phrase***

1. 5 more than a number 2. 5 less than a number

3. 8 more than twice a number 4. The sum of 5 and twice a number

5. p squared 6. 4 more than 2 times a number

7. The quotient of y and 6 8. The product of a number and 8

**Learning Target: Evaluates expressions for given values.**

*Evaluate each expression for x = 3, 4, 5. SHOW YOUR WORK!*

|  |  |  |  |
| --- | --- | --- | --- |
|  | x = 3 | x= 4 | x= 5 |
| 5x - 10 |  |  |  |
| x² - 3 |  |  |  |
| (x + 3) • 4 |  |  |  |