Algebra 1 Name_____ Date _____

Unit 1 - Introduction to Graphing – Notes E

EVALUATING USING A CALCULATOR:

Example: If y = x + 3 and x = 6, to find y.

1st: Replace the variable with parenthesis. y = ( ) + 3

2nd: Plug in your input. y = (6) + 3

3rd: Use your calculator to determine the output. y = 9

1. If y = 2x-3 and x=-4, then find the value of y. y=_____

2. If f(x)=5-x and x=12, then find f(12) . f(12) =_____

3. If $f(x) = x^2 + 6$ and *x*= -5, then find *f*(-5). *f*(-5) =_____

4. If y=$|x|$ and the input is -13, then find the output. Output =_____

5. If y = $2x^2 - 3$, then find f(-3). f(-3) = _____

6. If y= -x + 5 and the input is 2, then find the output. output=_____

7. If $y=2x^2$ and x = -8, then find the value of y. y=_____

8. If f(x) = $\sqrt{x-7}$, find f(11). f(11)=_____

9. If f(x) = -4|x|, find f(-3) f(-3)=_____

10. If y = 10 + $\sqrt{8-2x}$ and x = 2, then find the value of y. y=_____

11. If $g(x) = 2x^2 + 1$, find $g(3) - g(-3)$ *$g(3) - g(-3)$ = _____*