

Group Assignment (groups of 4):

Evaluating Expressions

Calculator type: _____

Name: _____

Name : _____

Name: _____

Name : _____

All members in the group must have the same type of calculator. Solve the following problems as a group. Use the method stated, and answer all questions. This will be graded as a quiz, so make sure you are all in agreement on the answers. Give as many decimal places as your calculator provided.

1. Method name: Tables

$$y = 5x^5 - 2x^3 + 7x^2 + 4x - 4$$

When $x = 10.3$, $y =$ _____

State your table settings:

TableStart =

$\Delta Tbl =$

2. Method name: Graphs

$$y = (x + 13)^2 - 80$$

When $x = 15$, $y =$ _____

State your window settings:

Xmin =

Ymin =

Xmax =

Ymax =

3. Method name: Arithmetic

$$y = \ln(x^2 + 3) * e^x$$

When $x = 3$, $y =$ _____

4. Method name: Function Notation

$$y = \frac{500}{1 + 61^{-0.19x}}$$

When $x = 20$, $y =$ _____

Show EXACTLY how you typed the equation in (with parenthesis, etc...):

Y1=