

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, finding **ALL** solutions to each problem. 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 shows.

1. **Method name:** Tables

$$3 + 2x = 10 - 2(x - 1)$$

$$x = \underline{\hspace{10em}}$$

Y1=

State your initial table settings:

State your final table settings (that gave you the exact answer):

2. **Method name :** Graphs: multigraph

$$120e^{0.03x} = 843.44$$

$$x = \underline{\hspace{10em}}$$

Y1=

Y2=

State your window settings:

3. **Method name :** Solver

$$\frac{5000}{1 + 37e^{-0.985x}} = 3572$$

$$x = \underline{\hspace{10em}}$$

eqn (exactly as you typed it in):

4. **Method name :** Graphs: x-intercept

$$2^x = x^2$$

$$x = \underline{\hspace{10em}}$$

Y1=

State your window settings: