

Math 40 - Quiz 4

Be sure to use PROPER mathematical notation and show some steps. Use back of page if needed.

Use the following **5-Step Problem Solving Process** to solve the problem below:

1. Declare Variables
2. Equation
3. Solve it!
4. Check it!
5. Say it!

Solve ONE of the TWO following problems.

- a) Mary has \$3.85 in a piggy bank all in nickels and quarters. She has twice as many quarters as she has nickels. How many of each type of coin does she have?
- b) The side lengths of a triangle are three consecutive ODD integers. The perimeter of the triangle is 33. Find the lengths of the sides of the triangle.

Step 1:

Step 2/3:

Step 4:

Step 5: