**Independent Practice: Number Calculations**  Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 3 Lesson 5

Directions

* In section 1, write the code to create an online shop.
* In section 2, answer the questions.

**Section 1**

In this activity you will create on online store. Choose at least three products to sell. Next to each, allow the user to type in how many they want.

Label the button “Place your order”.

When the button is clicked, the program will calculate the totals and subtotals as shown on the following example.

Assume the following:

Shipping and Handling 30%

Tax rate: 5%

**Sample Output:**

\*\* My Favorite Band Store \*\*

Item 1 – Button $1.99 Quantity: 5 $9.95

Item 2 – Poster $5.50 Quantity: 2 $20.00

Item 3 – T-Shirt $12.99 Quantity: 3 $38.97

\_\_\_\_\_\_\_

Subtotal: $88.92

Shipping: $26.676

Taxes: $4.446

\_\_\_\_\_\_\_

Order Total: $120.042

**Section 2**

1. In the example above, there is a problem with the calculation for both shipping and taxes. What is it? How could we fix this?
2. What happens if they enter a negative number for the quantity?