

Name:

Statistics

Date:

Practice Quiz 2-D

1. Write a spreadsheet formula that will achieve the stated result.

a) Count how many cells in column A have data.

b) Calculate the sum of the cells in A, not including the first row.

c) Count how many cells in column A have a value higher than 10.

d) Calculate the square root of the average of the cells in column A.

e) Calculate the sum of all the values in column B for which the value in the cell next to them in column A is 1.

2. A spreadsheet has items listed in column A, quantities in column B, and prices in column C. Write a spreadsheet formula to calculate each of the following.

a) the total cost (quantity times price) of the items in row 1

b) the total cost of the items in row 1 after sales tax is added, given the pretax total is in D1 and the tax rate is in E1

c) the total cost of all the items, including tax, given the total price with tax for each row is in column D

d) the grand total after a discount is applied, given the total before the discount is in F1 and the discount percentage is in G1

e) "approved" if the grand total is under \$2000, or "not approved" if the grand total is not under \$2000, given the grand total is in H1

3. Which answer in #2 needs a \$ in order to be able to replicate the formula correctly when dragging it down to additional rows? Rewrite that answer with the \$.