**Discount Example # 1**

Example: User enters 463.92

Discount # 1 would be applied because of the 2. New Sale amount is $462.92

Discount # 2 would be applied 0 times because there are no zeroes. Sale amount remains $462.92

Discount # 3 would be $0.75 because you have more dollars (462) than cents (92). ($462.17)

Discount # 4 would be $2.50 because 462 is a factor of 3. ($459.67)

Discount # 5 would be applied because the sale amount is between 400 and 500. ($229.84) (Don’t forget to round up)

Final Discount would be applied since the number of dollars is 3 digits (229). ($29.84)

**Discount Example # 2**

Example: User enters 792.34

Discount # 1 would be $1.00 because of the 2. New Sale amount is $791.34

Discount # 2 would be applied 0 times because there are no zeroes. Sale amount remains $791.34

Discount # 3 would be $0.75 because you have more dollars (791) than cents (34). ($790.59)

Discount # 4 would be not be applied because 790 is not a factor of 3. ($790.59)

Discount # 5 would be not be applied. ($790.59)

Final Discount would be applied since the number of dollars is 3 digits (790). ($70.59)

**Discount Example # 3**

Example: User enters 28.10

Discount # 1 would be $1.00 because of the 2. New Sale amount is $27.10

Discount # 2 would be applied 1 times (.50) because there are 1 zeroes. Sale amount $26.60

Discount # 3 would be $0.25 because you have more cents (60) than dollars (26). ($26.35)

Discount # 4 would be not be applied because 26 is not a factor of 3. ($26.35)

Discount # 5 would be applied because the sale amount is between 20 and 30. ($13.18)

Final Discount would be not be applied. ($13.18)

**Discount Example # 4**

Example: User enters 301.00

Discount # 1 would be $1.00 because of the 3. New Sale amount is $300.00

Discount # 2 would be applied 4 times (2.00) because there are 4 zeroes. Sale amount $298.00

Discount # 3 would be $0.75 because you have more dollars (290) than cents (0). ($297.25)

Discount # 4 would be $2.50 because 297 is a factor of 3. ($294.75)

Discount # 5 would be not be applied. ($294.75)

Final Discount would be applied since the number of dollars is 3 digits (294). ($24.75)