Excel Function Practice (linked to Pinecrest College data)

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| IF (simple) | =IF(B2=1,1,2) Tests cell B2 and returns one value if true and one if false |
| IF (literal) | =IF(B2=1,”Male”,”Female”) Tests cell B2 and returns text if true and different text if false |
| IF (blanks) | =IF(B2=””,”no Response”,B2) Tests B2 to see if it is blank and returns text if true. Returns whatever is already in B2 if false |
| Embedded IF | =IF(B2=1,”Male”,IF(B2=2,”Female”,”Other”)) Tests cell B2 and returns text if true and does another test of B2 if false |
| Average IF | =AVERAGEIF(B2:B126,1,I2:I126) Averages all values in the I column if the B column has a 1 |
| Sum IF | =SUMIF(B2:B126,1,I2:I126) Sums all values in the I column if the B column has a 1 |
| Count | =COUNT(B2:B126) Counts the number of numbers in the B column |
| Count Arguments | =COUNTA(B2:B126) Counts the number of cells that are not blank in the B column |
| Count Blank | =COUNTBLANK(B2:B126) Counts the number of cells that are blank in the B column |
| Count IF | =COUNTIF(B2:B126,1) Counts the number of cells in the B column that have a 1 |
| Concatenate | =CONCATENATE(B1,” / “,C1) Combines the content of Cells B1 and C1 with a space-/-space in between |