**Multiplying Decimals by a Whole Number**

 12.9

x 8

 3.2

x .5

Step 1: Move the decimal points to make whole numbers! (Make a note of how many on the side)





Step 2: Multiply the whole numbers normally.

 32

x 5

 160

 129

x 8

 1032

Step 3: Add the appropriate number of decimal places back in the product.





12.9 x 8 = 103.2

3.2 x .5 = 1.60