

IPC CLASS NOTES

DENSITY TRIANGLE- To use the density triangle, cover up the variable you are solving for with a finger. If the other two variables are stacked one on top of the other, then divide. If the two other variables are beside each other, then multiply

ISOLATE A VARIABLE- to solve for one variable, sometimes that variable first be isolated. An isolated variable looks like:

$$a =$$

to complete the worksheet "Word Problem Primer- How to Solve Word Problems" page 2, section "How do you break these up?" you should isolate the variable. This is done by using the reverse operation. If the number sentence uses multiplication, then you should divide. If the number sentence uses division, then you should multiply. If the number sentence uses addition, then you should subtract. If the number sentence uses subtraction, then you should add.