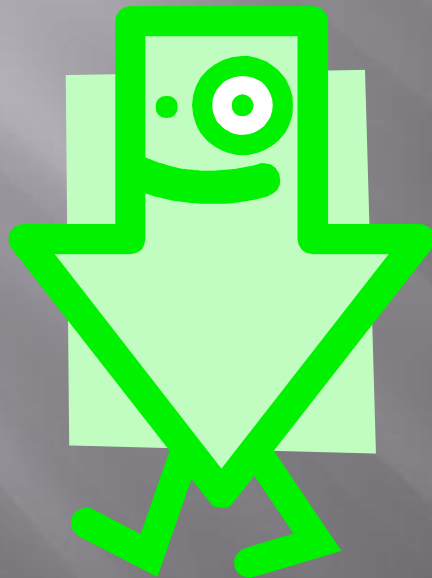


# NEAT AND PICKY RULES TO LIVE BY!

By: Zia

# Rule #1

Show each step in solving the equation. The solving action is clearly written under each equation. The result is your next equation line.



$$5x+10=60$$

$$\begin{array}{r} -10 \quad -10 \\ \hline \end{array}$$

$$\begin{array}{r} 5x=50 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 5 \\ \hline \end{array}$$

$$x=10$$



Check

$$5 \times 10 + 10 = 60$$

## Rule #2

Write in a vertical movement to make sure your answer is at the very last line of the equation.



$$6z - 5 = 31$$

$$+5 \quad +5$$

$$\underline{6z} = \underline{36}$$

$$6 \quad 6$$

$$z = 6$$



Check

$$6 \times 6 - 5 = 31$$

# Rule #3

Equal sign must line up in a equation at all time.



$$4a \times 4 = 16$$

$$4 \quad 4$$

$$\underline{4a} = \underline{4}$$

$$4 \quad 4$$

$$a = 1$$



Check

$$4 * 1 * 4 = 16$$

## Rule #4

Balance your equation. Whatever you do to one side must do the same on the other.



$$10p + 100 = 200$$

$$-100 \quad -100$$

$$\underline{10p} = \underline{100}$$

$$10 \quad 10$$

$$p = 10$$

Check

$$10 \times 10 + 100 = 200$$



# Rule #5

The variable must always be on the left side of the solution.



$$2w+10=18$$

$$\begin{array}{r} -10 \end{array} \quad \begin{array}{r} -10 \end{array}$$

$$\underline{2w=8}$$

$$\begin{array}{r} 2 \end{array} \quad \begin{array}{r} 2 \end{array}$$

$$w=4$$



Check

$$2*4+10=18$$

# Rule #6

You must show your check! If you do the check you can see if you answered the equation correctly.



$$3r+5=23$$

$$\begin{array}{r} -5 \\ -5 \end{array}$$

$$\underline{3r=18}$$

$$\begin{array}{r} 3 \\ 3 \end{array}$$

$$r=6$$



Check!

$$3*6+5=23$$

# Rule #7

Write neatly. If you do you can tell what you wrote and so can your teacher.



$$6k-10=14$$

$$+10 +10$$

$$\underline{6k=24}$$

$$\underline{6} \quad \underline{6}$$

$$k=4$$



Check

$$6*4-10=14$$

