



Neat & Picky Rules To Live By

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Introduction



- This power point will tell you how to do algebraic equations for the rest of your life! So follow these rules! There are seven very important rules that this power point will explain to you.

Rule # 1

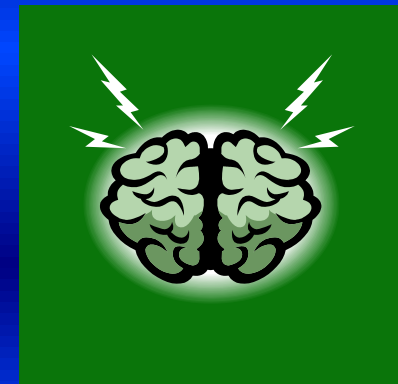


- Show each step in solving the equation. Write one step below the other.
- Why? Why because the teacher and you can see what part of the equation you did wrong or right.
Also, you will know what came first, second, or third.

Ex: $10+10+10$

$20+10$

30



Rule # 2



- Write in a vertical arrangement so that your solution is on the last line.
- Why? So you can find the solution and it isn't hiding.

You will be able to find the answer because you'll know one thing, it's at the bottom.

Ex: $10+10+10$

$20+10$

30



Rule # 3



- Equal signs must be lined up.
- Why? Why because one minute you'll think you know the answer but then you can't find the equal sign.

So it'll look like a bunch of random numbers.

- Ex: $20+20=x$
- $x=40$





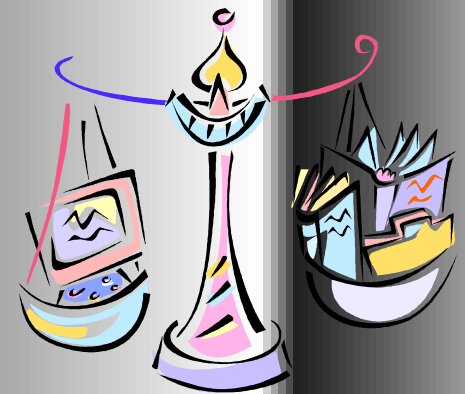
Rule # 4

- Balance your equation!!! Whatever you do to one side do the same to the other side.
- Why? Why because otherwise the answer will be wrong.

When your isolating the variable, you want to cancel out numbers.

So what you do to one side you must do to the other side.

$$\begin{array}{r} 30+y=60 \\ -30 \quad -30 \\ \hline y=30 \end{array}$$



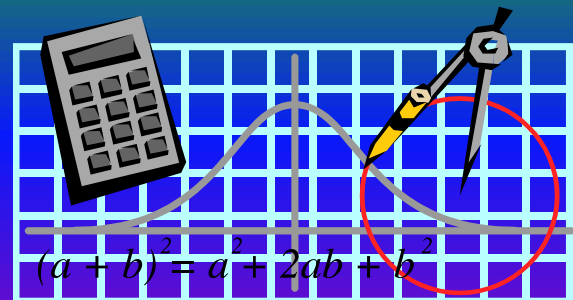
Rule # 5



- The solution must be written with the variable on the left side of the equal sign.
- Why??? Because you might think that the variable is part of the equation.

If you don't put the variable on the left side of the equation then your answer will completely change.

- $x=20$



Rule # 6



- You must show a check!!!!

Substitute your solution to show how it works. Your answer will always be correct if the check works.

- Why? You need to check because if the number fits in with the problem and you check it, you will always be correct.

$$30+30=60$$



Rule # 7



- Write neatly!!!!
- Why?!!Why because if you don't write neatly, your teacher might think a 1 looks like a 7. So all your hard work is wasted because of your handwriting.
- $30+30=60$ ~~$30+30=60$~~





The End