

Neat & Picky Algebraic Format Rules



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.

$$\begin{array}{rcl} \text{EX:} & a+2=10 & \\ & -2 & -2 \\ & a=8 & \end{array}$$

$$\text{Check: } 8+2=10$$



RULE 2

Write in a vertical arrangement so that your solution is your last line

$$\begin{array}{r} \text{EX: } n-8=24 \\ \quad +8 \quad +8 \\ \hline \quad n=32 \end{array}$$

$$\text{Check: } 32-8=24$$



RULE 3

Equal signs
MUST be lined
up

Ex: $c + 23 = 30$
 $-23 \quad \downarrow \quad -23$
 $c = 7$

Check: $7 + 23 = 30$



RULE 4

Balance your
equation!

Whatever you do to
one side of the
equation you **MUST**
do to the other side!

EX: $k+4=17$

$$\begin{array}{r} -4 \quad -4 \end{array}$$

$$k=13$$

Check: $13+4=17$



RULE 5

The solution **must** be with the variable on the left of the equal sign

EX: $h - 47 = 42$
 $+47 \quad +47$

$h = 89$ ✓
 ~~$89 = h$~~

Check: $89 - 47 = 42$



RULE 6

You must show a check! Substitute your solution to show it works. Your answer will always be correct if the check works.

$$\begin{array}{rcl} \text{EX:} & U+4=6 & \\ & -4 \quad -4 & \\ & U=2 & \end{array}$$

$$\text{Check: } 2+4=6$$



RULE 7

**WRITE
NEATLY!**

Kdk

p =

Lopmn

-k

m



Thanks for
Watching

