## ONE-TWO STEP EQUATIONS



Aug 22-1:07 PM

## STEPS TO SOLVE <br> 1. Distribute IF NEEDED

2. combine $L$ ike terms
3. isolate the Vaciable (PEmDASin Reverse)
4. CHECK THE Solution


EXAMPLES

| $4 \cdot{ }^{(\lambda) 1} \frac{1}{2} x=10(2)$ | $5 \cdot \frac{(4)^{3}}{4} x=3(4)$ |
| :---: | :--- |
| $\frac{1 x}{1}=\frac{20}{1}$ | $\frac{3 x}{3}=\frac{12}{3}$ |
| $x=20$ | $x=4$ |
| $\frac{(h e c k}{\frac{1}{2} \cdot \frac{20}{1}}=10$ | $\frac{\text { hheck }}{3} \cdot \frac{4}{4}=3$ |
| $\frac{20}{2}=10$ | $\frac{12}{4}=3 \quad 3=3$ |

EXAMPLES
How many ink cartridges can you buy with 100 dollars if each cartridge cost 5 dollars?

$$
\begin{aligned}
& x \text {-ink cartridges } \\
& \$ 5 \text {-each }(x) \\
& \frac{5 \cdot x}{5}=\frac{100}{5} \quad x=20 \text { cartridges }
\end{aligned}
$$

EXAMPLES
Jane had 60 pieces of chocolate, but she gave some away to John. How many did she give away if she has 35 left?

$$
\begin{array}{r}
60-x=35 \\
-60-x=\frac{-25}{-1}
\end{array}
$$

