## 1-1 Solving Equations

## Objectives:

-I can use inverse operations to solve two-step equations
-I can solve equations with multiple variables
-I can verify the solution to an equation

Vocabulary:
Isolate: Get the Variable alone Inverse operation: Operation that Variable: Lettersundoes another operation
Like terms:
Coefficient:


The in front of the Variable.

Equations/Expressions:


Group the expressions and equations together


$$
5+k=4
$$

## Describing an expression

Write an expression for the following statements
$x$ more than $7 \ldots+x$
one third of a number $1 / 3 a$
18 decreased by 3 times d $/ 8-3 d$
10 less a number $n \xrightarrow[n]{n-10}$





Equation $-\mathrm{c}-2=13$

$$
+2 \mid+2 \quad \text { Verify: }
$$

$$
-C=15
$$

$$
c=-15
$$

$$
(1)
$$

$$
\mathrm{C}=
$$

Equation $\begin{gathered}\frac{b}{6}+7 y=10 \\ \frac{B}{6}=3.5 \\ B=18\end{gathered} \quad$ Verify:
$\mathrm{b}=$ $\qquad$


Solve the following equations:
a. $2 x+4=10$
b.
$X$ $\frac{x}{3}-1=3$
3

