## One Step Equations

## Solve an addition equation with

 $\begin{array}{cc}x+3=7 \\ -3 & -3,-\cdots \\ x=4\end{array}$
## One Step Equations

## Solve a subtraction problem with addition

$$
\begin{array}{r}
\mathbf{x}-\mathbf{8}=\mathbf{5} \\
+8+8 \\
\mathbf{x}=13
\end{array}
$$

$$
\begin{aligned}
& \text { 1.) } \begin{aligned}
x-3 & =4 \\
+3 & +3 \\
x= & 7
\end{aligned} \\
& \text { 2.) }-5= x+8 \\
&-8-8 \\
&-13=x
\end{aligned}
$$

## One Step Equations

Solve a multiplication problem with division

$$
\begin{gathered}
\frac{5 x}{5}=\frac{35}{5} \\
x=7
\end{gathered}
$$

## One Step Equations

Solve a division problem with multiplication

$$
\begin{gathered}
\frac{x}{7}=3 \\
(7) \frac{x}{7}=3(7) \\
x=21
\end{gathered}
$$

## 1.) ${ }_{(2)} \underline{x}=10_{(2)}$ <br> 2

$x=20$

$$
\text { 2.) } \begin{aligned}
\frac{5 x}{5} & =\frac{-25}{5} \\
x & =-5
\end{aligned}
$$

## Two-Step Equations <br> $3 x+7=34$

Do the inverse (opposite) operation for
1.) $\frac{\text { Addition/Subtraction Expressions }}{\text { (numerical term) }}$
2.) $\frac{\text { Multiplication/Division Expressions }}{\text { (variable term: Coefficient of } x \text { ) }}$



