## Algebra I

3-3
(Day 1)
Solving Equations

Solve.

1) $2 x-1=11$
$2 x-1+1=11+1$ $\frac{2 x}{2}=\frac{12}{2}$ $x=6$ $\{6\}$

$$
\begin{aligned}
\text { 7) } \begin{aligned}
& \frac{1}{2} x+7=6 \\
& \frac{1}{2} x+7-7=6-7 \\
& 2\left(\frac{1}{2} x\right)=(-1) 2 \\
& x=-2 \\
&\{-2\}
\end{aligned}
\end{aligned}
$$

Given the choice, I will undo addition and subtraction first.


Try on your own!


There are two ways you can solve this problem. Choose whichever method you prefer. Distributive property or division first.

## Assignment:

## The Classic 3-3

Pg. 109
1-30 all

