# I can: Solve Equations 

Assignment: 1.3

Are $\frac{4 x}{\frac{4}{4}}=\frac{12}{4}$ and $\frac{10 x}{19}=\frac{30}{10}$ equivalent?
$x=3 \quad x=3$
Addition and multiplication principles

$$
\begin{aligned}
& a=b \text { then } a+c=b+c \\
& a=b \text { then } a * c=b^{*} c
\end{aligned}
$$


$\frac{8}{2} \cdot \frac{22}{5} \times=\frac{99}{10} 2^{\frac{8}{2}}{ }^{1}$
$x=-\frac{9}{4}$

## (3a+ $5 a^{2}-7 a+1 a^{2}$ $6 a^{2}-4 a$



$$
-\mid(a-b)=
$$

$$
-a+b
$$

$$
\begin{array}{r}
-3 x+4 \\
-(3 x-4)
\end{array}
$$

$$
\begin{gathered}
9 x-5 y-1(5 x+y-7) \\
9 x-5 y-5 x-y+7 \\
-6 y+4 x+7
\end{gathered}
$$



Identity: $-x+5=3+x+2$
$5=5$
Contradiction: $\begin{aligned} &-y=-h+1 \\ & 0 \neq 1\end{aligned}$
Conditional: $3-8 \mathrm{x}=5-7 \mathrm{x}$

