10.3 Modelling \& Solving Two-Step Equation $\frac{x}{a}+b=c$
April 6, 2016 8:35 AM
To solve an equation, isolate the variable on one side of the equal sign
Ex ${ }^{+1}$
a)

$$
\begin{array}{r}
\frac{x}{2}-\not x=18 \\
+1 \\
\vdots \\
\frac{x}{2} \neq \frac{19}{1} \\
1 x=38
\end{array}
$$

b)

$$
\begin{array}{r}
\frac{j}{2}+4 x=173 \\
-41=-41 \\
\frac{1}{2}=>132 \\
1 J=264
\end{array}
$$

c)

$$
\begin{array}{r}
\frac{x}{-4}+3=\frac{5}{-3}=-3 \\
x \div 7 \\
x=-\frac{1}{1} \\
x+-8
\end{array}
$$

d)

$$
\begin{aligned}
& \begin{array}{r}
5 \\
-2 \\
-2
\end{array}+2-\frac{n}{4} \\
& \frac{3}{1}<\frac{n}{4} \quad \text { or } \quad \frac{3}{1}<\frac{n}{-4} \\
& \frac{12}{-1} \underset{\sim 1}{*} \neq 1 n \quad-12=n \\
& -12 \mp n
\end{aligned}
$$

pg 392 \#6-14

