To solve an equation, isolate the variable on one side of the equal sign. (get the letter by itself)

But How?

$$
y=
$$

$\qquad$
When undoing the operation performed on the variable, follow the reverse order of operations:


Is $x=-2$ the solution to the equation?

$$
\begin{gathered}
3-7 x=-24 \\
3-7(-2)=-24 \\
3-(-14)=-24 \\
17 \neq-24
\end{gathered}
$$

NO, $X=-2$ is not the solution
Cali borrowed $\$ 19$ from her brother. The next day, she paid back $\$ 3$. To pay off the rest of the debt, she will give him $\$ 4 /$ week. How many weeks will it take her to pay off the debt?


Let's Try! $g=$
a) $4+26 g=-48$
$-4$

b) $-3 x+f=19$ -1 -7


You Try!
a) $2 \mathrm{~g}+4=-6$
b) $-2 r-7=-11$

$$
\begin{aligned}
& 2 g+4-4=-6-4 \\
& 2 g=\frac{-10}{2} \\
& z=-5
\end{aligned}
$$

$$
\begin{aligned}
& -2 r-7+7=-11+7 \\
& \frac{-2 r}{-2}=-4 \\
& r=2
\end{aligned}
$$

c) $6 \mathrm{n}+6=12$
d) $13=9+2 p$

$$
\begin{aligned}
& 6 n+6-6=12-6 \\
& \frac{6 n}{6}=\frac{6}{6} \\
& n=1
\end{aligned}
$$

$13-9=999+2 p$


