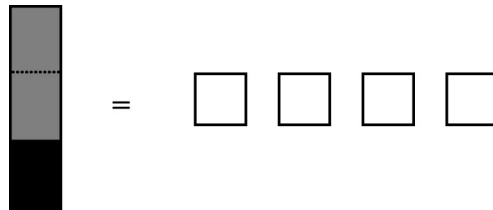# Use Algebra Tiles
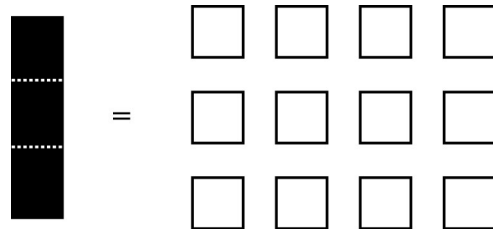
Algebra tiles can also be used to solve simple equations. The first example uses Example 2 b) in your text: $\frac{n}{3} = -4$.

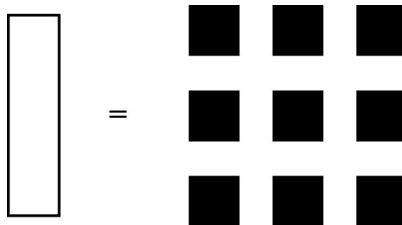You know that $n \div 3$ is equal to -4. Use $\frac{1}{3}$ of an x-tile to represent $n \div 3$.

To make a complete x-tile, form three equal groups on both sides:
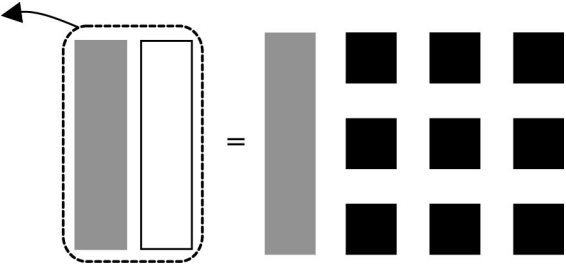
The solution is $n = -12$.

This example uses Example 2 c) from your text: $-v = 9$. This equation shows that $-v$ is equal to $+9$.

To find +*v,* add an *x*-tile to both sides.

Now, add nine unit tiles to both sides to isolate the variable.