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# Solve Equations With Like Terms 



Like terms are terms that have the same variables raised to the same powers. You can combine the like terms on each side of an equation to help solve the equation.

Let's try it! Solve $4 h+3+3 h-9=36$.
First, find and combine like terms, paying attention to the signs.

$$
\begin{aligned}
4 h+3+3 h-9 & =36 \\
7 h-6 & =36 \\
7 h-6+6 & =36+6 \\
7 h & =42 \\
\frac{7 h}{7} & =\frac{42}{7} \\
h & =6
\end{aligned}
$$

Practice! Solve each equation.


