II-3 Hands-On Lab Model Equations with Variables on Both Sides



To solve an equation with variables on both sides of the equal sign, you must first add or subtract to eliminate the variable term from one side of the equation.

$$-X + 2 = 2X - 4$$

Activity



Inverse Operations

$$x + 2 = 2x - 4$$

+χ +χ

2 = 3x - 4

+4 +4

> 6 = 3x3 3



5. Why must you isolate the variable terms by having them on only one side of the equation? (2 pts)