

Solve Equations and Explain Balance: Apply and Create



Name: _____ Date: _____

Use what you learned to explain, construct or apply an idea.

Keep both sides equal

To solve $3x + 2 = 14$, subtract 2 from both sides, then divide both sides by 3. This gives $x = 4$.

1. An invented ticket has a \$3 fee plus \$4 per game. The total is \$23. Write and solve an equation.

2. Why must the same operation be performed on both sides?
