

Solve Equations and Explain Balance: Apply and Create



Use the matching sheet ID when checking answers.

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

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

Answer: $4g + 3 = 23$; $g = 5$

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

Look for:

- Explains preservation of equality.

One possible response: To preserve equality and the same solution.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.