

Inequalities Describe Many Solutions: Apply and Create



Name: _____ Date: _____

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

Check the relation

An inequality can have many solutions. Adding the same amount to both sides preserves order. Multiplying or dividing both sides by a negative number reverses the inequality sign.

1. Show $x \leq 2$ on a number line.

2. Explain why $-2x < 6$ gives $x > -3$.