

Inequalities Describe Many Solutions: Explore and Explain



Name: _____ Date: _____

Explore the material. Talk through your reasoning with suitable support.

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. Solve $x + 3 > 8$.

2. Is $x = 5$ a solution to $x + 3 > 8$?
