

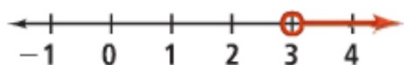
Problem 1 Using the Addition Property of Inequality

What are the solutions of $x - 15 > -12$? Graph the solutions.

$$x - 15 > -12$$

$$x - 15 + 15 > -12 + 15 \quad \text{Add 15 to each side.}$$

$$x > 3 \quad \text{Simplify.}$$



The solutions of $x > 3$ are all real numbers greater than 3.