

Name _____

Equation



#2

PROBLEM A

Write a linear equation in one variable that has one solution. Write your equation so that there is a variable term and a constant term on each side of the equation. Solve your equation.

PROBLEM B

Part A: Solve the equation $5(x + 2) - 7 = 5x + 3$. Show your work.

Part B: What do you notice about both sides of the equation?

Part C: Use the results from **Parts A** and **B** to determine whether the equation has infinitely many solutions or no solution. Explain.