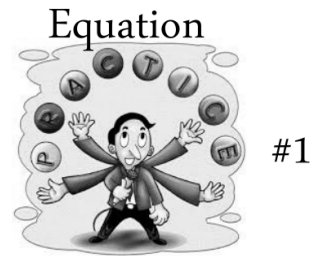


Name _____



PROBLEM A

How many solutions does the equation $5x + 4 = -3x + 2(4x + 2)$ have? Show your work and justify your answer to the question.

PROBLEM B

Write a linear equation in one variable that has no solutions. Write your equation so that one side of the equation has both a variable term with a coefficient other than 1 and a constant term. Show your work, and explain why your equation has no solutions.