Name:

Grade 7

Determine the number of solutions

Solve each equation. Determine whether the equation has one solution, no solution, or infinitely many solutions. (Examples 1 and 2)

1. $4(x - 8) + 12 = 2(2x - 9)$

a. one solution

b. infinitely many solutions

c. no solution

2. $3(2k - 5) = 6(k - 4) + 9$

a. one solution

b. infinitely many solutions

c. no solution

LIVEWORKSHEETS