

Name: _____

Date: _____

(Show the work that leads to the correct solution)

HW # 9a: Algebra 1 - Standard 5 - Solve Multi - Step Equations

5 points

Solve each. Check answers

8) $-3(4r - 8) = -36$

12) $6(6v + 6) - 5 = 1 + 6v$

13) $-4k + 2(5k - 6) = -3k - 39$

14) $-16 + 5n = -7(-6 + 8n) + 3$

Write and solve an equation to find each number.

36. A number is divided by 2, and then the quotient is increased by 8. The result is 33.

37. Two is subtracted from a number, and then the difference is divided by 3. The result is 30.