

Name : _____

Systems of Equations

A) Determine whether the ordered pair is a solution to the given system of equations.

1) $(1, 5)$; $-5m + 6n = 25$
 $-7m + 8n = 33$

2) $(-2, 0)$; $8x - 3y = -16$
 $50 = -9x - 2y$

3) $(7, -4)$; $9b + 4a = -8$
 $6a + 5b - 42 = 0$

4) $(-3, -2)$; $-7c - 4d = 29$
 $3c = -7 + d$

B) Check whether $(6, 9)$ is a solution of the systems of linear equations.

5) $s + 7t = 69$
 $6t + 4s = 78$

6) $-2p + 5q = 34$
 $-7q = -61 - 8p$

C) Write a system of linear equations that has the solution $(4, 3)$.
