

Name : \_\_\_\_\_

## Systems of Equations

Write whether each system of equations is dependent or independent.

1)  $-9r + 8s = 50$   
 $13r - 5s = 3$

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2)  $2q = -7p + 9$   
 $14p + 4q = 18$

\_\_\_\_\_

3)  $30 = 15y - 12x$   
 $-4x + 5y = 10$

\_\_\_\_\_

4)  $-11u - 14v + 27$

\_\_\_\_\_

5)  $m + n = 35$   
 $10m = 28 - 13n$

\_\_\_\_\_

7)  $18a + 3b = 37$   
 $7a - 14b = 29$

\_\_\_\_\_

9)  $16v - 10w = 44$   
 $-5w + 8v = 22$

\_\_\_\_\_

10)  $12s + 18t = 36$   
 $2s - 6 = -3t$

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