

Name : _____

Systems of Equations

Write whether each system of equations is dependent or independent.

1) $3x + 7y = 12$
 $36 = 9x + 21y$

2) $10a + 9b = 23$
 $-20a + 46 = 18b$

3) $11s = 17t + 43$
 $8s - 12t = 34$

4) $15m - 5n = -45$

5) $13c - 14d = 0$
 $-19c + 29 = 5d$

7) $16r - 44 = -10s$
 $8r = 22 - 5s$

9) $-18u + 15v = 45$
 $5v - 6u = 15$

10) $13b = 3c + 41$
 $7c = 12b - 36$

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