

Name : _____

Systems of Equations

Write whether each system of equations is dependent or independent.

1) $15b - 18a + 33 = 0$
 $6a - 5b = 11$

2) $-17z = 20y + 54$
 $14z - 37 = -11y$

3) $9q = -13p + 42$
 $18p + 16q = 29$

4) $14x + 20y = 50$

5) $2r - 4s = 12$
 $-16s = 48 - 8r$

7) $38 = -12c + 4d$
 $14c - 17d = 19$

9) $25 = 18n - 7m$
 $-6m + 14n = 33$

10) $r + s = 46$
 $3r = 24 - 13s$

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