

Name : _____

Systems of Equations

Determine whether each system of linear equations has 'unique solution', 'no solution' or 'infinitely many solutions'.

1) $y + 7x = 50$
 $14x - 5y = -28$

2) $3s = -18r + 15$
 $12r + 2s = 10$

3) $54 = -6a + 18b$
 $3a - 9b = -27$

5) $-4s + 2t - 13 =$
 $8s - 6t = 42$

7) $14m = 3n + 8$
 $-6n + 28m = 12$

9) $-4p + 12q - 36 = 0$
 $-p + 3q - 9 = 0$

10) $-c + 10d = 0$
 $-20d + 2c = 3$

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