

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

## Systems of Equations

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

1)  $6m - 3n + 8 = 0$   
 $4m = -1 + 2n$

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2)  $-2x = 4y - 16$   
 $12y + 6x = 48$

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3)  $3p + 2q = -5$   
 $-6q + 4p = -6$

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5)  $20d - 2c = 18$   
 $16 = -c + 10d$

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7)  $15x + 5y - 20 =$   
 $-9x = -12 + 3y$

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9)  $7v + 6w = 2$   
 $-14v = 18w - 5$

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10)  $15s + 10t = 34$   
 $-9s - 6t + 17 = 0$

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