

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

## Systems of Equations

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

1)  $-18u - 24v + 12 = 0$   
 $6u + 8v = 4$

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2)  $-5p = 11 - 4q$   
 $8q = -15p + 44$

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3)  $2s + 3t - 7 = 0$   
 $-4t + 12s = -49$

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5)  $10a = 16b - 44$   
 $-5a + 8b = 26$

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7)  $3r - 6s = -12$   
 $-9r + 18s - 36 = 0$

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9)  $-7 = m - 4n$   
 $-3m + 10n - 28 = 0$

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10)  $-9b + 3c = 22$   
 $6b - 2c = -11$

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