**Solving Systems of Equations - Matching Worksheet**

Match problem to the value of the indicated system.

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<th>Problem</th>
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| 1 | Solve using elimination.  
   2x + 5y = 9  
   3x - 5y = 11 | a. x = -4, y = 5 |
| 2 | Solve using substitution.  
   8x + 3y = -17  
   y = 5 | b. x = 4, y = 2 |
| 3 | Solve using elimination.  
   -3x + 2y = 6  
   5x - 2y = 2 | c. x = 1.4, y = -1.47 |
| 4 | Solve using substitution.  
   2x + 2y = 12  
   y = 2 | d. x = 0.92, y = 0.17 |
| 5 | Solve using elimination.  
   4x + 3y = 10  
   6x - 3y = 4 | e. x = 0.923, y = 0.269 |
| 6 | Solve using substitution.  
   3x + 2y = 42  
   y = 3 | f. x = 4, y = 0.2 |
| 7 | Solve using elimination.  
   7x + 9y = 8  
   6x - 9y = 4 | g. x = 4, y = 9 |
| 8 | Solve using substitution.  
   8x + 4y = -4  
   y = 5 | h. x = 12, y = 3 |
| 9 | Solve using elimination.  
   8x + 6y = 9  
   5x - 6y = 3 | i. x = -3, y = 5 |