**Express Yourself!**

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| In solving the following system, Jimmy got (2, 10) as the solution. Find his error if the equations are:  Y= = 2 x + 5  -2x + y = 10 |
| x = y + 7  y = -4x+3  Jennifer used substitution to solve this system and wrote y = - 4y + 7 + 3.   * Identify an error that Jennifer made. * Solve the system correctly. |
| Suppose you try to solve a system of linear equations by substitution and get the result 5 = 5. You say there is no solution. Your friend, Gillian, says there were many solutions. Who is right and why? |
| Your teacher is giving you a test worth 100 points containing 40 questions. There are two-point and four-point questions on the test. How many of each type of questions are on the test? Cameron set up the first equation as 2x + 4y = 100 and his friend, Landon, set up the other equation as 2x + 4y = 40. Who is correct and what is the other correct equation in the system? |
| Cindy solved the following system using elimination. What is wrong with her answer? Correct her mistake and find the correct solution.  a + 2b = 6  3a – 2b = 2  Cindy said her solution was : a = 2. |