QUOTABLE PUZZLES **Equations and Inequalities A.4e**

Directions: Solve the following problems. Match that answer to the correct letter of the alphabet. Enter that letter of the alphabet on the blank corresponding to the problem number.

___	___	___	___	___	___	___	___	___	___	___	___	___
2	**10**	**7**	**9**	**5**	**3**	**9**	**4**	**8**	**7**	**1**	**4**	**11**

___	___	___	___	___	___	___
2	**4**	**10**	**6**	**4**	**9**	**5**

A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**
5	**7**	**1**	**10**	**2**	**6**	**-3**	**8**	**4**	**-6**	**3**	**0**	**-2**

N	**O**	**P**	**Q**	**R**	**S**	**T**	**U**	**V**	**W**	**X**	**Y**	**Z**
-8	**-1**	**-4**	**1.5**	**-5**	**-7**	**9**	**-9**	**3.4**	**-12**	**-2**	**11**	**14**

Find the x-coordinate for the solution to each system of equations.

1. $y = 3x - 8$
   $y = 4 - x$

2. $x + y = 0$
   $3x + y = -8$

3. $4x + 5y = 11$
   $y = 3x - 13$

4. $x - 5y = 2$
   $2x + y = 4$

5. $x + 3y = 12$
   $x - y = 8$

6. $x + y = 8$
   $x - y = 4$

7. $2x + 3y = 13$
   $x - 3y = 2$

8. $13x + 5y = -11$
   $13x + 11y = 7$

Find the y-coordinate for the solution to each system of equations.

9. $2x + y = 5$
   $3x - 2y = 4$

10. $7x + 3y = -1$
    $4x + y = 3$

11. $8x - 3y = -11$
    $2x - 5y = 27$