

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

### Solving Equation Quiz

1.  $-5y + 9y = -20$

*Check:*

2.  $5 - 3(y - 7) = 2(2 - y) - 8$

3.  $3x - 0.4(-2x + 5) = 5.6$

4.  $9(n + 4) = 5n + 8$

5.  $-5y + 9y = -20$

6.  $\frac{2}{3}y + \frac{1}{2}y = 14$

7.  $\frac{3x}{2} + \frac{x}{5} = 17$

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### Solving Equation Quiz

8.  $8y - 22 = 3(3y + 11) - y$

9.  $5(3x + 12) = -15$

10.  $6y = 3(y + 4) - y$

11.  $3(6 - 4x) = -2(6x - 9)$

#### Extra Credit

Solve and Check the following equations.

a.  $8(4 - 2x) = 4(3 - 5x) + 4x$

b.  $2(3x + 5) = 5(2x - 4) - 4x$