

**Solve\_linear\_equations****Numeric Response**

1. What is the value for  $y$  when  $x = 8$  for the following?  
 $-3x + 6y = 12$
2. What is the value for  $x$  when  $y = -9$  for the following?  
 $-7y - 8x = 111$
3. What is the value for  $y$  when  $x = 9$  for the following?  
 $-7x - 4y = -3x - 3y - 28$
4. What is the value for  $x$  when  $y = -7$  for the following?  
 $5x - 4y = -8x + 78 - 4y$
5. What is the value for  $x$  when  $y = -6$  for the following?  
 $-2y + 8x = 4x - 42 - 3y$
6. What is the value for  $y$  when  $x = 7$  for the following?  
 $4x - 6y = 40$
7. What is the value for  $x$  when  $y = 2$  for the following?  
 $-8y + 2x = -2$

8. What is the value for  $y$  when  $x = -7$  for the following?  
 $7x + 2y = 4x - 2y - 9$
9. What is the value for  $x$  when  $y = 8$  for the following?  
 $3x + 4y = -6x + 2 + 6y$
10. What is the value for  $y$  when  $x = 3$  for the following?  
 $2y + 8x = 6x + 11 + 3y$
11. What is the value for  $x$  when  $y = 2$  for the following?  
 $3x + 8y = 25$
12. What is the value for  $x$  when  $y = -8$  for the following?  
 $-3y - 7x = 3$
13. What is the value for  $x$  when  $y = -4$  for the following?  
 $6x - 4y = -3x - 5y + 50$
14. What is the value for  $y$  when  $x = -7$  for the following?  
 $-2x - 7y = 4x + 33 - 4y$
15. What is the value for  $y$  when  $x = -5$  for the following?  
 $-8y + 5x = 9x - 34 - 2y$

**Solve\_linear\_equations**  
**Answer Section**

**NUMERIC RESPONSE**

1. ANS: 6

PTS: 1

2. ANS: -6

PTS: 1

3. ANS: -8

PTS: 1

4. ANS: 6

PTS: 1

5. ANS: -9

PTS: 1

6. ANS: -2

PTS: 1

7. ANS: 7

PTS: 1

8. ANS: 3

PTS: 1

9. ANS: 2

PTS: 1

10. ANS: -5

PTS: 1

11. ANS: 3

PTS: 1

12. ANS: 3

PTS: 1



13. ANS: 6

PTS: 1

14. ANS: 3

PTS: 1

15. ANS: 9

PTS: 1

