Equations with Variables on Both Sides

1. 1. Solve: -3x = 2x + 19 1 point

Mark only one oval.

- A -3.2
- B -3.5
- C -3.8
- D -3.9

2. 2. Solve: 2.5y + 6 = 4.5y - 1 1 point

Mark only one oval.

- A 3.2
- B 3.5
- C 3.8
- D 3.9

3. 3. Solve: 6(4 - z) = 2z 1 point

Mark only one oval.

- A 1
- B 2
- C 3
- D 4

4. 4. Solve: m - 4 = 2m 1 point

Mark only one oval.

- A -1
- B -2
- C -3
- D -4

5. 5. Solve: 3k - 1 = 7k + 2 1 point

Mark only one oval.

- A -0.70
- B -0.75
- C 0.70
- D 0.75

6. 6. Solve: 6.7x = 5.2x + 12.3 1 point

Mark only one oval.

- A 8.2
- B 8.0
- C 7.8
- D 8.4

7. 7. Solve: -24 - (1/8)p = (3/8)p 1 point

Mark only one oval.

- A -51
- B -49
- C -50
- D -48

8. 8. Solve: 12(2w - 3) = 6w 1 point

Mark only one oval.

- A 2
- B 3
- C 4
- D 1

9. 9. Solve: 2(n - 3) = 4n + 1 1 point

Mark only one oval.

- A 3.1
- B -3.5
- C 3.3
- D -3.7

10. 10. Solve: 2(4r - 1) = 3(r +2) 1 point

Mark only one oval.

- A 1.2
- B 1.4
- C 1.6
- D 1.8

11. 11. Solve: 0.1x = 0.2(x + 2) 1 point

Mark only one oval.

- A 0.2
- B 0.4
- C -2
- D -4

12. 12. Solve: (1/6)d + 2/3 = (1/4)(d - 2) 1 point

Mark only one oval.

- A 1/4
- B 14
- C 1/6
- D 16

13. 13. Solve: 3x - 4 = 2x + 1 1 point

Mark only one oval.

- A 2
- B 4
- C 3
- D 5

14. 14. Solve: 4.05p + 14.40 = 4.50(p + 3) 1 point

Mark only one oval.

- A 2
- B 0.2
- C 4
- D 0.4

15. 15. Solve: 15 + 0.5m = 25 + 0.25m 1 point

Mark only one oval.

- A 10
- B 30
- C 20
- D 40

16. 16. You can find the word of the day by going back and finding the answer choice to question #13. Use that letter a, b, c, or d, to answer this question. (This is your bonus point question) 1 point

Mark only one oval.

- A Soar
- B Expand
- C Takeover
- D Leader