

Name _____

Solving Equations - Worksheet B

1. $2x + 3 = 3x$

2. $x - 2 = 2x - 6$

3. $3x - 15 = 6(x + 2)$

4. $4k - 6 = 2k + 4$

5. $4(2 + x) + 3 = 4x + 11$

6. $12 - x = x - 4$

7. $-11d + 5 = -8d + 23$

8. $17 - 5m = 50 + 6m$

9. $2(3x + 4) = 5 + 6x$

10. $5r = 7r + 1 - 2r$

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Solving Equations - Worksheet B Answers

1. $2x + 3 = 3x$ $x = 3$

2. $x - 2 = 2x - 6$ $x = 4$

3. $3x - 15 = 6(x + 2)$ $x = -9$

4. $4k - 6 = 2k + 4$ $k = 5$

5. $4(2 + x) + 3 = 4x + 11$
Infinitely Many Solutions

6. $12 - x = x - 4$ $x = 8$

7. $-11d + 5 = -8d + 23$ $d = -6$

8. $17 - 5m = 50 + 6m$ $m = -3$

9. $2(3x + 4) = 5 + 6x$ **No Solution**

10. $5r = 7r + 1 - 2r$ **No Solution**