SOLVING LINEAR SYSTEMS BY SUBSTITUTION

#1

Solve the linear system by substitution.

1. 3x – y = 5 2. -2a + b = 7 3. 2m + 5n = 14

 2x + y = 0 3a + b = -8 2m – n = 6

4. y = x + 2 5. y = x – 1 6. 2x + y = 3

 2x + y = 8 2x – y = 0 y = 7

7. 3x – y = -2 8. x – 2y = 8 9. y + 3x = -1

 y = 2x + 3 y – 5 = -4x x – 3y = 3

10. x + y = -3 11. x – y = 4 12. 3x + y = 0

 3x + y = 3 x – 2y = 10 x – y = 4

13. 3x – y = 9 14. x – 2y = 0 15. 2x – y = 3

 2x + y = 6 3x + y = 0 3x – y = 4

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