

Algebra I Practice A.REI.B.3: Solving Linear Equations 1

www.jmap.org

NAME: _____

Solve:

1. $6x + 5 = 29$

- [A] 4 [B] 34 [C] 24 [D] 6

2. $10x + 3 = 93$

- [A] 9 [B] 96 [C] 11 [D] 16

3. $10x + 5 = 95$

- [A] 9 [B] 100 [C] 90 [D] 7

4. $6x + 3 = 51$

- [A] 8 [B] 54 [C] 11 [D] 7

5. $8x + 9 = 25$

- [A] 16 [B] -1 [C] 2 [D] 34

6. $9x + 7 = 97$

7. $3x + 5 = 35$

8. $4x + 2 = 26$

9. $-3x - 5 = 4$

10. $-9x + 8 = -55$

11. $-2x + 4 = 22$

12. $-7x - 2 = 12$

13. $-4x - 3 = 9$

14. $40 = 8(x - 9)$

15. $8 = 4(x + 6)$

Solve:

16. $15 = 5(x + 3)$

17. $18 = 9(x - 2)$

18. $30 = 6(x - 7)$

19. $40 = 10(x + 5)$

20. Compare the quantities in Column A and Column B.

Column AColumn Bthe solution to $-y - 8 = -9$ the solution to $y + 8 = 9$

[A] The quantity in Column A is greater.

[B] The quantity in Column B is greater.

[C] The quantities are equal.

[D] The relationship cannot be determined from the information given.

Algebra I Practice A.REI.B.3: Solving Linear Equations 1

www.jmap.org

[1] A

[2] A

[3] A

[4] A

[5] C

[6] 10

[7] 10

[8] 6

[9] -3

[10] 7

[11] -9

[12] -2

[13] -3

[14] 14

[15] -4

[16] 0

[17] 4

[18] 12

[19] -1

[20] C