

NAME: _____

P.I. A.A.22: Solve all types of linear equations in one variable

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. $8x + 9 = 25$ [A] 16 [B] -1 [C] 2 [D] 34

4. $9x + 7 = 97$

5. $3x + 5 = 35$

6. $4x + 2 = 26$

7. $-3x - 5 = 4$

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

9. $-7x - 2 = 12$

10. $-4x - 3 = 9$

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

Column A

Column B

the 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.

[1] A

[2] A

[3] C

[4] 10

[5] 10

[6] 6

[7] -3

[8] 7

[9] -2

[10] -3

[11] C