

Simple Linear Equations (B)

Solve for each variable.

1. $3x + 6 = 9$

$-6 \quad -6 =$

$0 \quad 15$

$3x \text{ divided by } 15 = 5$

$x = -5$

6. $2x - 5 = 1$

$+5 \quad +5 =$

$0 \quad 6$

$x = 3$

11. $2c + 6 = 8$

$-6 \quad -6 =$

$x = -7 \quad 0 \quad -14$

2. $3a + 3 = 12$

$-3 \quad -3 =$

$x = -5 \quad 0 \quad -15$

7. $2c + 4 = 12$

$-4 \quad -4 =$

$0 \quad -6$

$x = -3$

12. $2u - 1 = 11$

$+1 \quad +1 =$

$x = -6 \quad 0 \quad -12$

3. $3u + 5 = 20$

$-5 \quad -5 =$

$0 \quad 25$

$x = 8.3$

8. $3u - 5 = 4$

$+5 \quad +5 =$

$x = 3 \quad 0 \quad 9$

13. $3u + 1 = 10$

$-1 \quad -1 =$

$3.67 \quad 0 \quad -11$

4. $3z + 5 = 20$

$-5 \quad -5 =$

$x = 8.3 \quad 0 \quad -25$

9. $2u + 6 = 8$

$-6 \quad -6 =$

$x = 8.5 \quad 0 \quad 17$

14. $3x + 3 = 6$

$-3 \quad -3 =$

$x = -3$

5. $2y - 3 = 1$

$+3 \quad +3 =$

$0 \quad 4$

$x = 2$

10. $3b + 4 = 22$

$-4 \quad -4 =$

$x = -8.67 \quad 0 \quad -26$

15. $2u + 2 = 6$

$-2 \quad -2 =$

$x = -4 \quad 0 \quad -8$