

Solving Simple Linear Equations (J)

Name: _____

Date: _____

Score: _____

Solve each equation by determining the value of the unknown (letter).

1. $11 = 13 - b$

2. $10 + z = 20$

3. $7 = 6 + v$

4. $w + 8 = 12$

5. $12 + k = 13$

6. $12 = t + 1$

7. $10 = a - 12$

8. $j + 5 = 15$

9. $7 - p = 6$

10. $11 = h + 6$

11. $c + 6 = 6$

12. $7 + g = 7$

13. $10 = 13 - y$

14. $13 - m = 10$

15. $9 = f - 2$

16. $11 + x = 21$

17. $8 = d - 12$

18. $8 - n = 7$

19. $1 = s - 3$

20. $8 = 20 - r$

Solving Simple Linear Equations (J) Answers

Name: _____

Date: _____

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Solve each equation by determining the value of the unknown (letter).

1. $11 = 13 - b$

$b = 2$

2. $10 + z = 20$

$z = 10$

3. $7 = 6 + v$

$v = 1$

4. $w + 8 = 12$

$w = 4$

5. $12 + k = 13$

$k = 1$

6. $12 = t + 1$

$t = 11$

7. $10 = a - 12$

$a = 22$

8. $j + 5 = 15$

$j = 10$

9. $7 - p = 6$

$p = 1$

10. $11 = h + 6$

$h = 5$

11. $c + 6 = 6$

$c = 0$

12. $7 + g = 7$

$g = 0$

13. $10 = 13 - y$

$y = 3$

14. $13 - m = 10$

$m = 3$

15. $9 = f - 2$

$f = 11$

16. $11 + x = 21$

$x = 10$

17. $8 = d - 12$

$d = 20$

18. $8 - n = 7$

$n = 1$

19. $1 = s - 3$

$s = 4$

20. $8 = 20 - r$

$r = 12$