

Solving Simple Linear Equations (A)

Name: _____

Date: _____

Score: _____

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

1. $9 = a - 0$

2. $7 = p - 9$

3. $5 - 3 = j$

4. $1 = 5 - n$

5. $g - 9 = 4$

6. $2 = 3 - s$

7. $t = 19 - 12$

8. $12 - f = 1$

9. $x = 18 - 6$

10. $6 - 4 = y$

11. $z = 11 - 8$

12. $0 = 5 - b$

13. $11 = 23 - k$

14. $w = 3 - 1$

15. $c = 3 - 3$

16. $17 - m = 12$

17. $7 - r = 3$

18. $10 = d - 9$

19. $3 - 3 = h$

20. $12 = v - 6$

Solving Simple Linear Equations (A) Answers

Name: _____

Date: _____

Score: _____

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

1. $9 = a - 0$

$a = 9$

2. $7 = p - 9$

$p = 16$

3. $5 - 3 = j$

$j = 2$

4. $1 = 5 - n$

$n = 4$

5. $g - 9 = 4$

$g = 13$

6. $2 = 3 - s$

$s = 1$

7. $t = 19 - 12$

$t = 7$

8. $12 - f = 1$

$f = 11$

9. $x = 18 - 6$

$x = 12$

10. $6 - 4 = y$

$y = 2$

11. $z = 11 - 8$

$z = 3$

12. $0 = 5 - b$

$b = 5$

13. $11 = 23 - k$

$k = 12$

14. $w = 3 - 1$

$w = 2$

15. $c = 3 - 3$

$c = 0$

16. $17 - m = 12$

$m = 5$

17. $7 - r = 3$

$r = 4$

18. $10 = d - 9$

$d = 19$

19. $3 - 3 = h$

$h = 0$

20. $12 = v - 6$

$v = 18$

Solving Simple Linear Equations (B)

Name: _____

Date: _____

Score: _____

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

1. $1 = z - 3$

2. $6 = 14 - c$

3. $n = 8 - 1$

4. $17 - 8 = d$

5. $g - 7 = 8$

6. $r - 6 = 0$

7. $4 = m - 1$

8. $v - 5 = 9$

9. $5 - 4 = s$

10. $3 = k - 7$

11. $8 - 4 = a$

12. $t = 11 - 2$

13. $j = 5 - 3$

14. $8 - p = 7$

15. $13 - h = 10$

16. $16 - f = 12$

17. $w = 9 - 0$

18. $8 - y = 4$

19. $20 - b = 10$

20. $3 = x - 8$

Solving Simple Linear Equations (B) Answers

Name: _____

Date: _____

Score: _____

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

1. $1 = z - 3$

$z = 4$

2. $6 = 14 - c$

$c = 8$

3. $n = 8 - 1$

$n = 7$

4. $17 - 8 = d$

$d = 9$

5. $g - 7 = 8$

$g = 15$

6. $r - 6 = 0$

$r = 6$

7. $4 = m - 1$

$m = 5$

8. $v - 5 = 9$

$v = 14$

9. $5 - 4 = s$

$s = 1$

10. $3 = k - 7$

$k = 10$

11. $8 - 4 = a$

$a = 4$

12. $t = 11 - 2$

$t = 9$

13. $j = 5 - 3$

$j = 2$

14. $8 - p = 7$

$p = 1$

15. $13 - h = 10$

$h = 3$

16. $16 - f = 12$

$f = 4$

17. $w = 9 - 0$

$w = 9$

18. $8 - y = 4$

$y = 4$

19. $20 - b = 10$

$b = 10$

20. $3 = x - 8$

$x = 11$

Solving Simple Linear Equations (C)

Name: _____

Date: _____

Score: _____

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

1. $10 - z = 1$

2. $v = 11 - 2$

3. $t - 12 = 10$

4. $n - 6 = 2$

5. $f - 5 = 5$

6. $d = 22 - 12$

7. $7 = c - 4$

8. $18 - 7 = x$

9. $h = 12 - 11$

10. $y - 5 = 0$

11. $s - 7 = 1$

12. $12 - 12 = p$

13. $0 = b - 0$

14. $j = 0 - 0$

15. $14 - g = 4$

16. $17 - k = 9$

17. $r - 11 = 9$

18. $14 - w = 6$

19. $4 = 15 - m$

20. $22 - a = 10$

Solving Simple Linear Equations (C) Answers

Name: _____

Date: _____

Score: _____

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

1. $10 - z = 1$

$z = 9$

2. $v = 11 - 2$

$v = 9$

3. $t - 12 = 10$

$t = 22$

4. $n - 6 = 2$

$n = 8$

5. $f - 5 = 5$

$f = 10$

6. $d = 22 - 12$

$d = 10$

7. $7 = c - 4$

$c = 11$

8. $18 - 7 = x$

$x = 11$

9. $h = 12 - 11$

$h = 1$

10. $y - 5 = 0$

$y = 5$

11. $s - 7 = 1$

$s = 8$

12. $12 - 12 = p$

$p = 0$

13. $0 = b - 0$

$b = 0$

14. $j = 0 - 0$

$j = 0$

15. $14 - g = 4$

$g = 10$

16. $17 - k = 9$

$k = 8$

17. $r - 11 = 9$

$r = 20$

18. $14 - w = 6$

$w = 8$

19. $4 = 15 - m$

$m = 11$

20. $22 - a = 10$

$a = 12$

Solving Simple Linear Equations (D)

Name: _____

Date: _____

Score: _____

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

1. $b = 9 - 5$

2. $9 = 13 - x$

3. $12 - 8 = h$

4. $s = 7 - 1$

5. $9 - y = 5$

6. $z = 9 - 9$

7. $0 = k - 1$

8. $7 = v - 3$

9. $c = 16 - 12$

10. $11 = 23 - f$

11. $w - 3 = 7$

12. $5 - 3 = d$

13. $2 = 2 - j$

14. $1 = g - 4$

15. $4 = a - 9$

16. $21 - 10 = t$

17. $11 = p - 1$

18. $8 = r - 5$

19. $n = 16 - 7$

20. $6 = m - 1$

Solving Simple Linear Equations (D) Answers

Name: _____

Date: _____

Score: _____

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

1. $b = 9 - 5$

$b = 4$

2. $9 = 13 - x$

$x = 4$

3. $12 - 8 = h$

$h = 4$

4. $s = 7 - 1$

$s = 6$

5. $9 - y = 5$

$y = 4$

6. $z = 9 - 9$

$z = 0$

7. $0 = k - 1$

$k = 1$

8. $7 = v - 3$

$v = 10$

9. $c = 16 - 12$

$c = 4$

10. $11 = 23 - f$

$f = 12$

11. $w - 3 = 7$

$w = 10$

12. $5 - 3 = d$

$d = 2$

13. $2 = 2 - j$

$j = 0$

14. $1 = g - 4$

$g = 5$

15. $4 = a - 9$

$a = 13$

16. $21 - 10 = t$

$t = 11$

17. $11 = p - 1$

$p = 12$

18. $8 = r - 5$

$r = 13$

19. $n = 16 - 7$

$n = 9$

20. $6 = m - 1$

$m = 7$

Solving Simple Linear Equations (E)

Name: _____

Date: _____

Score: _____

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

1. $17 - 11 = y$

2. $13 - 12 = s$

3. $p = 7 - 0$

4. $d = 20 - 12$

5. $a - 1 = 1$

6. $r - 4 = 2$

7. $3 = m - 12$

8. $v = 6 - 5$

9. $10 = w - 7$

10. $18 - z = 10$

11. $8 = 17 - c$

12. $11 = 22 - g$

13. $10 - 9 = n$

14. $7 - 5 = t$

15. $5 = x - 7$

16. $9 = 11 - k$

17. $f = 9 - 8$

18. $5 - 1 = j$

19. $10 - 4 = b$

20. $8 = 20 - h$

Solving Simple Linear Equations (E) Answers

Name: _____

Date: _____

Score: _____

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

1. $17 - 11 = y$

$y = 6$

2. $13 - 12 = s$

$s = 1$

3. $p = 7 - 0$

$p = 7$

4. $d = 20 - 12$

$d = 8$

5. $a - 1 = 1$

$a = 2$

6. $r - 4 = 2$

$r = 6$

7. $3 = m - 12$

$m = 15$

8. $v = 6 - 5$

$v = 1$

9. $10 = w - 7$

$w = 17$

10. $18 - z = 10$

$z = 8$

11. $8 = 17 - c$

$c = 9$

12. $11 = 22 - g$

$g = 11$

13. $10 - 9 = n$

$n = 1$

14. $7 - 5 = t$

$t = 2$

15. $5 = x - 7$

$x = 12$

16. $9 = 11 - k$

$k = 2$

17. $f = 9 - 8$

$f = 1$

18. $5 - 1 = j$

$j = 4$

19. $10 - 4 = b$

$b = 6$

20. $8 = 20 - h$

$h = 12$

Solving Simple Linear Equations (F)

Name: _____

Date: _____

Score: _____

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

1. $6 - b = 3$

2. $20 - v = 11$

3. $r = 10 - 0$

4. $8 = f - 11$

5. $2 - j = 0$

6. $2 = 14 - g$

7. $5 = 5 - a$

8. $4 = 9 - n$

9. $9 - 8 = z$

10. $12 - d = 9$

11. $10 = k - 8$

12. $8 - t = 0$

13. $10 - 4 = p$

14. $x - 4 = 7$

15. $y = 17 - 5$

16. $m - 11 = 6$

17. $6 - 0 = w$

18. $2 = 10 - s$

19. $2 = 7 - h$

20. $6 = c - 2$

Solving Simple Linear Equations (F) Answers

Name: _____

Date: _____

Score: _____

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

1. $6 - b = 3$

$b = 3$

2. $20 - v = 11$

$v = 9$

3. $r = 10 - 0$

$r = 10$

4. $8 = f - 11$

$f = 19$

5. $2 - j = 0$

$j = 2$

6. $2 = 14 - g$

$g = 12$

7. $5 = 5 - a$

$a = 0$

8. $4 = 9 - n$

$n = 5$

9. $9 - 8 = z$

$z = 1$

10. $12 - d = 9$

$d = 3$

11. $10 = k - 8$

$k = 18$

12. $8 - t = 0$

$t = 8$

13. $10 - 4 = p$

$p = 6$

14. $x - 4 = 7$

$x = 11$

15. $y = 17 - 5$

$y = 12$

16. $m - 11 = 6$

$m = 17$

17. $6 - 0 = w$

$w = 6$

18. $2 = 10 - s$

$s = 8$

19. $2 = 7 - h$

$h = 5$

20. $6 = c - 2$

$c = 8$

Solving Simple Linear Equations (G)

Name: _____

Date: _____

Score: _____

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

1. $c = 21 - 9$

2. $0 = 8 - s$

3. $0 = p - 10$

4. $f = 16 - 5$

5. $n - 0 = 7$

6. $13 - z = 3$

7. $14 - 2 = k$

8. $12 - 5 = r$

9. $10 = 12 - h$

10. $g = 4 - 1$

11. $19 - 8 = v$

12. $19 - m = 7$

13. $j - 8 = 12$

14. $1 = y - 6$

15. $2 = 5 - d$

16. $5 - 4 = w$

17. $t = 8 - 7$

18. $6 = 10 - b$

19. $20 - 11 = a$

20. $x - 11 = 3$

Solving Simple Linear Equations (G) Answers

Name: _____

Date: _____

Score: _____

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

1. $c = 21 - 9$

$c = 12$

2. $0 = 8 - s$

$s = 8$

3. $0 = p - 10$

$p = 10$

4. $f = 16 - 5$

$f = 11$

5. $n - 0 = 7$

$n = 7$

6. $13 - z = 3$

$z = 10$

7. $14 - 2 = k$

$k = 12$

8. $12 - 5 = r$

$r = 7$

9. $10 = 12 - h$

$h = 2$

10. $g = 4 - 1$

$g = 3$

11. $19 - 8 = v$

$v = 11$

12. $19 - m = 7$

$m = 12$

13. $j - 8 = 12$

$j = 20$

14. $1 = y - 6$

$y = 7$

15. $2 = 5 - d$

$d = 3$

16. $5 - 4 = w$

$w = 1$

17. $t = 8 - 7$

$t = 1$

18. $6 = 10 - b$

$b = 4$

19. $20 - 11 = a$

$a = 9$

20. $x - 11 = 3$

$x = 14$

Solving Simple Linear Equations (H)

Name: _____

Date: _____

Score: _____

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

1. $c = 5 - 5$

2. $12 = g - 9$

3. $9 - a = 9$

4. $p = 1 - 0$

5. $7 - 0 = y$

6. $d = 16 - 4$

7. $17 - w = 11$

8. $2 = 13 - f$

9. $h = 8 - 0$

10. $5 = 10 - r$

11. $8 - n = 6$

12. $3 = 10 - k$

13. $0 = z - 9$

14. $x - 12 = 0$

15. $t = 7 - 4$

16. $4 = s - 1$

17. $0 = j - 6$

18. $10 - m = 3$

19. $b = 12 - 4$

20. $v = 19 - 11$

Solving Simple Linear Equations (H) Answers

Name: _____

Date: _____

Score: _____

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

1. $c = 5 - 5$

$c = 0$

2. $12 = g - 9$

$g = 21$

3. $9 - a = 9$

$a = 0$

4. $p = 1 - 0$

$p = 1$

5. $7 - 0 = y$

$y = 7$

6. $d = 16 - 4$

$d = 12$

7. $17 - w = 11$

$w = 6$

8. $2 = 13 - f$

$f = 11$

9. $h = 8 - 0$

$h = 8$

10. $5 = 10 - r$

$r = 5$

11. $8 - n = 6$

$n = 2$

12. $3 = 10 - k$

$k = 7$

13. $0 = z - 9$

$z = 9$

14. $x - 12 = 0$

$x = 12$

15. $t = 7 - 4$

$t = 3$

16. $4 = s - 1$

$s = 5$

17. $0 = j - 6$

$j = 6$

18. $10 - m = 3$

$m = 7$

19. $b = 12 - 4$

$b = 8$

20. $v = 19 - 11$

$v = 8$

Solving Simple Linear Equations (I)

Name: _____

Date: _____

Score: _____

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

1. $2 = 4 - x$

2. $h - 9 = 11$

3. $20 - p = 9$

4. $6 - d = 1$

5. $9 - f = 5$

6. $9 = 16 - k$

7. $2 = 12 - v$

8. $5 = j - 4$

9. $10 = 21 - t$

10. $w - 4 = 10$

11. $n = 1 - 0$

12. $8 - b = 1$

13. $c - 7 = 0$

14. $5 - m = 3$

15. $11 = 22 - y$

16. $8 = 19 - s$

17. $g = 5 - 1$

18. $a = 15 - 9$

19. $12 = 23 - z$

20. $13 - 10 = r$

Solving Simple Linear Equations (I) Answers

Name: _____

Date: _____

Score: _____

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

1. $2 = 4 - x$

$x = 2$

2. $h - 9 = 11$

$h = 20$

3. $20 - p = 9$

$p = 11$

4. $6 - d = 1$

$d = 5$

5. $9 - f = 5$

$f = 4$

6. $9 = 16 - k$

$k = 7$

7. $2 = 12 - v$

$v = 10$

8. $5 = j - 4$

$j = 9$

9. $10 = 21 - t$

$t = 11$

10. $w - 4 = 10$

$w = 14$

11. $n = 1 - 0$

$n = 1$

12. $8 - b = 1$

$b = 7$

13. $c - 7 = 0$

$c = 7$

14. $5 - m = 3$

$m = 2$

15. $11 = 22 - y$

$y = 11$

16. $8 = 19 - s$

$s = 11$

17. $g = 5 - 1$

$g = 4$

18. $a = 15 - 9$

$a = 6$

19. $12 = 23 - z$

$z = 11$

20. $13 - 10 = r$

$r = 3$

Solving Simple Linear Equations (J)

Name: _____

Date: _____

Score: _____

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

1. $13 - 2 = d$

2. $y = 15 - 7$

3. $6 = b - 1$

4. $14 - p = 12$

5. $j = 10 - 5$

6. $3 = a - 10$

7. $4 = x - 0$

8. $4 - 4 = t$

9. $12 = 16 - w$

10. $13 - k = 8$

11. $9 - c = 5$

12. $18 - n = 6$

13. $g - 3 = 9$

14. $9 - 5 = f$

15. $21 - 10 = z$

16. $4 - m = 1$

17. $0 = r - 12$

18. $6 - 2 = h$

19. $s - 10 = 3$

20. $0 = 4 - v$

Solving Simple Linear Equations (J) Answers

Name: _____

Date: _____

Score: _____

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

1. $13 - 2 = d$

$d = 11$

2. $y = 15 - 7$

$y = 8$

3. $6 = b - 1$

$b = 7$

4. $14 - p = 12$

$p = 2$

5. $j = 10 - 5$

$j = 5$

6. $3 = a - 10$

$a = 13$

7. $4 = x - 0$

$x = 4$

8. $4 - 4 = t$

$t = 0$

9. $12 = 16 - w$

$w = 4$

10. $13 - k = 8$

$k = 5$

11. $9 - c = 5$

$c = 4$

12. $18 - n = 6$

$n = 12$

13. $g - 3 = 9$

$g = 12$

14. $9 - 5 = f$

$f = 4$

15. $21 - 10 = z$

$z = 11$

16. $4 - m = 1$

$m = 3$

17. $0 = r - 12$

$r = 12$

18. $6 - 2 = h$

$h = 4$

19. $s - 10 = 3$

$s = 13$

20. $0 = 4 - v$

$v = 4$