

Solving Simple Linear Equations (A)

Name: _____

Date: _____

Score: _____

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

1. $8 - 8 = h$

2. $3 + 0 = w$

3. $3 = p - 6$

4. $b = 5 + 10$

5. $n + 5 = 5$

6. $12 = 24 - y$

7. $0 = 9 - t$

8. $9 - 5 = k$

9. $10 = v - 5$

10. $6 = z + 3$

11. $c = 20 - 9$

12. $r - 10 = 6$

13. $10 = d - 2$

14. $j = 17 - 12$

15. $11 = g + 2$

16. $m + 4 = 8$

17. $7 = 0 + x$

18. $s = 11 - 4$

19. $11 = 11 + a$

20. $f = 8 + 1$

Solving Simple Linear Equations (A) Answers

Name: _____

Date: _____

Score: _____

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

1. $8 - 8 = h$

$h = 0$

2. $3 + 0 = w$

$w = 3$

3. $3 = p - 6$

$p = 9$

4. $b = 5 + 10$

$b = 15$

5. $n + 5 = 5$

$n = 0$

6. $12 = 24 - y$

$y = 12$

7. $0 = 9 - t$

$t = 9$

8. $9 - 5 = k$

$k = 4$

9. $10 = v - 5$

$v = 15$

10. $6 = z + 3$

$z = 3$

11. $c = 20 - 9$

$c = 11$

12. $r - 10 = 6$

$r = 16$

13. $10 = d - 2$

$d = 12$

14. $j = 17 - 12$

$j = 5$

15. $11 = g + 2$

$g = 9$

16. $m + 4 = 8$

$m = 4$

17. $7 = 0 + x$

$x = 7$

18. $s = 11 - 4$

$s = 7$

19. $11 = 11 + a$

$a = 0$

20. $f = 8 + 1$

$f = 9$

Solving Simple Linear Equations (B)

Name: _____

Date: _____

Score: _____

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

1. $11 - n = 6$

2. $13 = 1 + r$

3. $b = 5 - 2$

4. $x + 0 = 5$

5. $s + 2 = 9$

6. $h = 10 + 1$

7. $g + 10 = 13$

8. $k - 7 = 2$

9. $7 + f = 19$

10. $11 = 11 + z$

11. $p + 9 = 9$

12. $11 = 6 + a$

13. $c = 11 + 4$

14. $10 = y + 8$

15. $w = 24 - 12$

16. $d - 1 = 8$

17. $v + 10 = 12$

18. $10 + j = 17$

19. $6 = 11 - m$

20. $0 = t - 2$

Solving Simple Linear Equations (B) Answers

Name: _____

Date: _____

Score: _____

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

1. $11 - n = 6$

$n = 5$

2. $13 = 1 + r$

$r = 12$

3. $b = 5 - 2$

$b = 3$

4. $x + 0 = 5$

$x = 5$

5. $s + 2 = 9$

$s = 7$

6. $h = 10 + 1$

$h = 11$

7. $g + 10 = 13$

$g = 3$

8. $k - 7 = 2$

$k = 9$

9. $7 + f = 19$

$f = 12$

10. $11 = 11 + z$

$z = 0$

11. $p + 9 = 9$

$p = 0$

12. $11 = 6 + a$

$a = 5$

13. $c = 11 + 4$

$c = 15$

14. $10 = y + 8$

$y = 2$

15. $w = 24 - 12$

$w = 12$

16. $d - 1 = 8$

$d = 9$

17. $v + 10 = 12$

$v = 2$

18. $10 + j = 17$

$j = 7$

19. $6 = 11 - m$

$m = 5$

20. $0 = t - 2$

$t = 2$

Solving Simple Linear Equations (C)

Name: _____

Date: _____

Score: _____

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

1. $15 = r + 6$

2. $z = 4 - 1$

3. $v = 5 + 2$

4. $g = 11 - 11$

5. $11 + 12 = c$

6. $8 + 6 = p$

7. $k = 9 - 8$

8. $6 + 4 = f$

9. $13 = w + 11$

10. $2 + y = 9$

11. $12 - j = 4$

12. $n = 7 - 5$

13. $t + 8 = 18$

14. $m = 9 + 3$

15. $16 = 8 + h$

16. $b = 11 - 2$

17. $2 + a = 11$

18. $11 - 1 = x$

19. $d + 12 = 20$

20. $s + 9 = 9$

Solving Simple Linear Equations (C) Answers

Name: _____

Date: _____

Score: _____

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

1. $15 = r + 6$

$r = 9$

2. $z = 4 - 1$

$z = 3$

3. $v = 5 + 2$

$v = 7$

4. $g = 11 - 11$

$g = 0$

5. $11 + 12 = c$

$c = 23$

6. $8 + 6 = p$

$p = 14$

7. $k = 9 - 8$

$k = 1$

8. $6 + 4 = f$

$f = 10$

9. $13 = w + 11$

$w = 2$

10. $2 + y = 9$

$y = 7$

11. $12 - j = 4$

$j = 8$

12. $n = 7 - 5$

$n = 2$

13. $t + 8 = 18$

$t = 10$

14. $m = 9 + 3$

$m = 12$

15. $16 = 8 + h$

$h = 8$

16. $b = 11 - 2$

$b = 9$

17. $2 + a = 11$

$a = 9$

18. $11 - 1 = x$

$x = 10$

19. $d + 12 = 20$

$d = 8$

20. $s + 9 = 9$

$s = 0$

Solving Simple Linear Equations (D)

Name: _____

Date: _____

Score: _____

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

1. $3 = 5 - y$

2. $4 + 12 = w$

3. $v + 9 = 17$

4. $2 - 0 = s$

5. $d - 10 = 7$

6. $4 = a - 6$

7. $11 + j = 18$

8. $m = 11 + 1$

9. $x + 7 = 17$

10. $12 + t = 19$

11. $r = 8 + 7$

12. $12 = 4 + f$

13. $c + 2 = 8$

14. $2 = z - 2$

15. $b - 9 = 7$

16. $g = 12 + 10$

17. $p - 3 = 1$

18. $3 + 4 = h$

19. $k + 5 = 10$

20. $n = 10 - 0$

Solving Simple Linear Equations (D) Answers

Name: _____

Date: _____

Score: _____

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

1. $3 = 5 - y$

$y = 2$

2. $4 + 12 = w$

$w = 16$

3. $v + 9 = 17$

$v = 8$

4. $2 - 0 = s$

$s = 2$

5. $d - 10 = 7$

$d = 17$

6. $4 = a - 6$

$a = 10$

7. $11 + j = 18$

$j = 7$

8. $m = 11 + 1$

$m = 12$

9. $x + 7 = 17$

$x = 10$

10. $12 + t = 19$

$t = 7$

11. $r = 8 + 7$

$r = 15$

12. $12 = 4 + f$

$f = 8$

13. $c + 2 = 8$

$c = 6$

14. $2 = z - 2$

$z = 4$

15. $b - 9 = 7$

$b = 16$

16. $g = 12 + 10$

$g = 22$

17. $p - 3 = 1$

$p = 4$

18. $3 + 4 = h$

$h = 7$

19. $k + 5 = 10$

$k = 5$

20. $n = 10 - 0$

$n = 10$

Solving Simple Linear Equations (E)

Name: _____

Date: _____

Score: _____

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

1. $10 = 17 - t$

2. $z + 0 = 3$

3. $10 = 10 - d$

4. $5 + v = 10$

5. $s = 11 - 4$

6. $7 + j = 12$

7. $6 = h + 1$

8. $17 - 6 = n$

9. $c + 12 = 15$

10. $m = 10 + 2$

11. $2 = x + 2$

12. $6 = b - 3$

13. $18 - a = 8$

14. $10 + 2 = k$

15. $5 = y - 0$

16. $p + 6 = 12$

17. $w + 1 = 13$

18. $15 = 3 + f$

19. $12 + 5 = r$

20. $g = 10 - 9$

Solving Simple Linear Equations (E) Answers

Name: _____

Date: _____

Score: _____

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

1. $10 = 17 - t$
 $t = 7$

2. $z + 0 = 3$
 $z = 3$

3. $10 = 10 - d$
 $d = 0$

4. $5 + v = 10$
 $v = 5$

5. $s = 11 - 4$
 $s = 7$

6. $7 + j = 12$
 $j = 5$

7. $6 = h + 1$
 $h = 5$

8. $17 - 6 = n$
 $n = 11$

9. $c + 12 = 15$
 $c = 3$

10. $m = 10 + 2$
 $m = 12$

11. $2 = x + 2$
 $x = 0$

12. $6 = b - 3$
 $b = 9$

13. $18 - a = 8$
 $a = 10$

14. $10 + 2 = k$
 $k = 12$

15. $5 = y - 0$
 $y = 5$

16. $p + 6 = 12$
 $p = 6$

17. $w + 1 = 13$
 $w = 12$

18. $15 = 3 + f$
 $f = 12$

19. $12 + 5 = r$
 $r = 17$

20. $g = 10 - 9$
 $g = 1$

Solving Simple Linear Equations (F)

Name: _____

Date: _____

Score: _____

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

1. $13 - 12 = f$

2. $t + 1 = 4$

3. $21 - k = 10$

4. $w - 11 = 2$

5. $c = 8 - 5$

6. $5 = n - 12$

7. $0 + 4 = v$

8. $2 + g = 7$

9. $19 - m = 12$

10. $j + 8 = 17$

11. $8 = 6 + b$

12. $3 + 10 = z$

13. $r = 11 + 5$

14. $1 = a - 5$

15. $12 - 3 = p$

16. $11 + 7 = h$

17. $s = 1 + 5$

18. $y = 9 + 6$

19. $17 = 10 + x$

20. $6 = 11 - d$

Solving Simple Linear Equations (F) Answers

Name: _____

Date: _____

Score: _____

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

1. $13 - 12 = f$

$f = 1$

2. $t + 1 = 4$

$t = 3$

3. $21 - k = 10$

$k = 11$

4. $w - 11 = 2$

$w = 13$

5. $c = 8 - 5$

$c = 3$

6. $5 = n - 12$

$n = 17$

7. $0 + 4 = v$

$v = 4$

8. $2 + g = 7$

$g = 5$

9. $19 - m = 12$

$m = 7$

10. $j + 8 = 17$

$j = 9$

11. $8 = 6 + b$

$b = 2$

12. $3 + 10 = z$

$z = 13$

13. $r = 11 + 5$

$r = 16$

14. $1 = a - 5$

$a = 6$

15. $12 - 3 = p$

$p = 9$

16. $11 + 7 = h$

$h = 18$

17. $s = 1 + 5$

$s = 6$

18. $y = 9 + 6$

$y = 15$

19. $17 = 10 + x$

$x = 7$

20. $6 = 11 - d$

$d = 5$

Solving Simple Linear Equations (G)

Name: _____

Date: _____

Score: _____

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

1. $13 = 9 + w$

2. $c = 10 + 1$

3. $3 = z - 0$

4. $7 - k = 5$

5. $5 + p = 9$

6. $10 + 6 = s$

7. $t + 9 = 21$

8. $r - 9 = 3$

9. $b - 10 = 5$

10. $21 = v + 9$

11. $y - 1 = 5$

12. $14 = 4 + a$

13. $8 - 6 = f$

14. $12 + m = 16$

15. $h = 15 - 4$

16. $0 = d - 7$

17. $5 = 13 - j$

18. $0 + n = 8$

19. $12 + x = 15$

20. $g = 3 + 4$

Solving Simple Linear Equations (G) Answers

Name: _____

Date: _____

Score: _____

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

1. $13 = 9 + w$

$w = 4$

2. $c = 10 + 1$

$c = 11$

3. $3 = z - 0$

$z = 3$

4. $7 - k = 5$

$k = 2$

5. $5 + p = 9$

$p = 4$

6. $10 + 6 = s$

$s = 16$

7. $t + 9 = 21$

$t = 12$

8. $r - 9 = 3$

$r = 12$

9. $b - 10 = 5$

$b = 15$

10. $21 = v + 9$

$v = 12$

11. $y - 1 = 5$

$y = 6$

12. $14 = 4 + a$

$a = 10$

13. $8 - 6 = f$

$f = 2$

14. $12 + m = 16$

$m = 4$

15. $h = 15 - 4$

$h = 11$

16. $0 = d - 7$

$d = 7$

17. $5 = 13 - j$

$j = 8$

18. $0 + n = 8$

$n = 8$

19. $12 + x = 15$

$x = 3$

20. $g = 3 + 4$

$g = 7$

Solving Simple Linear Equations (H)

Name: _____

Date: _____

Score: _____

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

1. $g = 6 + 7$

2. $14 = 2 + k$

3. $b + 1 = 6$

4. $15 - c = 4$

5. $x = 6 - 0$

6. $a = 7 + 5$

7. $d = 4 - 2$

8. $s - 1 = 4$

9. $6 = 10 - w$

10. $5 = r - 1$

11. $h + 7 = 15$

12. $11 + t = 19$

13. $4 + 11 = m$

14. $8 = 15 - y$

15. $12 + p = 16$

16. $9 - f = 5$

17. $10 = 19 - n$

18. $v + 12 = 21$

19. $j = 8 - 6$

20. $3 = 2 + z$

Solving Simple Linear Equations (H) Answers

Name: _____

Date: _____

Score: _____

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

1. $g = 6 + 7$
 $g = 13$

2. $14 = 2 + k$
 $k = 12$

3. $b + 1 = 6$
 $b = 5$

4. $15 - c = 4$
 $c = 11$

5. $x = 6 - 0$
 $x = 6$

6. $a = 7 + 5$
 $a = 12$

7. $d = 4 - 2$
 $d = 2$

8. $s - 1 = 4$
 $s = 5$

9. $6 = 10 - w$
 $w = 4$

10. $5 = r - 1$
 $r = 6$

11. $h + 7 = 15$
 $h = 8$

12. $11 + t = 19$
 $t = 8$

13. $4 + 11 = m$
 $m = 15$

14. $8 = 15 - y$
 $y = 7$

15. $12 + p = 16$
 $p = 4$

16. $9 - f = 5$
 $f = 4$

17. $10 = 19 - n$
 $n = 9$

18. $v + 12 = 21$
 $v = 9$

19. $j = 8 - 6$
 $j = 2$

20. $3 = 2 + z$
 $z = 1$

Solving Simple Linear Equations (I)

Name: _____

Date: _____

Score: _____

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

1. $11 = 10 + f$

2. $3 = d - 8$

3. $12 - 9 = y$

4. $s = 4 + 10$

5. $h = 14 - 10$

6. $2 = 11 - j$

7. $m + 5 = 6$

8. $7 = n + 6$

9. $18 - g = 11$

10. $v = 4 + 8$

11. $a + 8 = 13$

12. $p = 8 + 9$

13. $k = 11 - 8$

14. $17 - 11 = r$

15. $6 + c = 18$

16. $z - 4 = 12$

17. $b + 4 = 10$

18. $8 - 1 = t$

19. $16 = 6 + w$

20. $10 + 11 = x$

Solving Simple Linear Equations (I) Answers

Name: _____

Date: _____

Score: _____

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

1. $11 = 10 + f$

$f = 1$

2. $3 = d - 8$

$d = 11$

3. $12 - 9 = y$

$y = 3$

4. $s = 4 + 10$

$s = 14$

5. $h = 14 - 10$

$h = 4$

6. $2 = 11 - j$

$j = 9$

7. $m + 5 = 6$

$m = 1$

8. $7 = n + 6$

$n = 1$

9. $18 - g = 11$

$g = 7$

10. $v = 4 + 8$

$v = 12$

11. $a + 8 = 13$

$a = 5$

12. $p = 8 + 9$

$p = 17$

13. $k = 11 - 8$

$k = 3$

14. $17 - 11 = r$

$r = 6$

15. $6 + c = 18$

$c = 12$

16. $z - 4 = 12$

$z = 16$

17. $b + 4 = 10$

$b = 6$

18. $8 - 1 = t$

$t = 7$

19. $16 = 6 + w$

$w = 10$

20. $10 + 11 = x$

$x = 21$

Solving Simple Linear Equations (J)

Name: _____

Date: _____

Score: _____

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

1. $x - 0 = 7$

2. $11 = g - 1$

3. $5 = s + 5$

4. $7 = 10 - a$

5. $10 - t = 10$

6. $r = 11 + 3$

7. $0 = m - 5$

8. $17 - b = 12$

9. $p = 18 - 7$

10. $1 + 12 = c$

11. $1 + w = 11$

12. $1 + k = 1$

13. $7 = j - 12$

14. $15 - v = 3$

15. $f = 13 - 3$

16. $n - 9 = 7$

17. $z = 8 - 3$

18. $2 - h = 2$

19. $11 = y + 5$

20. $1 = 13 - d$

Solving Simple Linear Equations (J) Answers

Name: _____

Date: _____

Score: _____

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

1. $x - 0 = 7$

$x = 7$

2. $11 = g - 1$

$g = 12$

3. $5 = s + 5$

$s = 0$

4. $7 = 10 - a$

$a = 3$

5. $10 - t = 10$

$t = 0$

6. $r = 11 + 3$

$r = 14$

7. $0 = m - 5$

$m = 5$

8. $17 - b = 12$

$b = 5$

9. $p = 18 - 7$

$p = 11$

10. $1 + 12 = c$

$c = 13$

11. $1 + w = 11$

$w = 10$

12. $1 + k = 1$

$k = 0$

13. $7 = j - 12$

$j = 19$

14. $15 - v = 3$

$v = 12$

15. $f = 13 - 3$

$f = 10$

16. $n - 9 = 7$

$n = 16$

17. $z = 8 - 3$

$z = 5$

18. $2 - h = 2$

$h = 0$

19. $11 = y + 5$

$y = 6$

20. $1 = 13 - d$

$d = 12$