

## Solving Simple Linear Equations (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $z - 6 = 2$

2.  $15 = 8 + f$

3.  $r + 5 = 17$

4.  $11 - a = 0$

5.  $9 = 20 - v$

6.  $y - 11 = 1$

7.  $2 - c = 1$

8.  $11 = 4 + b$

9.  $t + 8 = 18$

10.  $18 = 12 + s$

11.  $3 + h = 3$

12.  $w - 5 = 5$

13.  $6 + d = 10$

14.  $15 = 6 + k$

15.  $x + 10 = 22$

16.  $12 + n = 24$

17.  $12 = 8 + j$

18.  $13 = p + 6$

19.  $1 = 12 - m$

20.  $g - 12 = 3$

# Solving Simple Linear Equations (A) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $z - 6 = 2$

$z = 8$

2.  $15 = 8 + f$

$f = 7$

3.  $r + 5 = 17$

$r = 12$

4.  $11 - a = 0$

$a = 11$

5.  $9 = 20 - v$

$v = 11$

6.  $y - 11 = 1$

$y = 12$

7.  $2 - c = 1$

$c = 1$

8.  $11 = 4 + b$

$b = 7$

9.  $t + 8 = 18$

$t = 10$

10.  $18 = 12 + s$

$s = 6$

11.  $3 + h = 3$

$h = 0$

12.  $w - 5 = 5$

$w = 10$

13.  $6 + d = 10$

$d = 4$

14.  $15 = 6 + k$

$k = 9$

15.  $x + 10 = 22$

$x = 12$

16.  $12 + n = 24$

$n = 12$

17.  $12 = 8 + j$

$j = 4$

18.  $13 = p + 6$

$p = 7$

19.  $1 = 12 - m$

$m = 11$

20.  $g - 12 = 3$

$g = 15$

## Solving Simple Linear Equations (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $a + 12 = 19$

2.  $10 = 14 - x$

3.  $s - 5 = 8$

4.  $8 = c + 3$

5.  $14 = p + 6$

6.  $12 - r = 5$

7.  $b + 10 = 10$

8.  $15 = 8 + w$

9.  $6 = 3 + k$

10.  $4 = 6 - t$

11.  $10 = z - 1$

12.  $m - 7 = 7$

13.  $17 = y + 6$

14.  $j - 0 = 3$

15.  $v + 7 = 19$

16.  $10 = 12 - d$

17.  $2 = 6 - g$

18.  $11 - h = 0$

19.  $14 - n = 11$

20.  $f + 12 = 21$

## Solving Simple Linear Equations (B) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $a + 12 = 19$

$a = 7$

2.  $10 = 14 - x$

$x = 4$

3.  $s - 5 = 8$

$s = 13$

4.  $8 = c + 3$

$c = 5$

5.  $14 = p + 6$

$p = 8$

6.  $12 - r = 5$

$r = 7$

7.  $b + 10 = 10$

$b = 0$

8.  $15 = 8 + w$

$w = 7$

9.  $6 = 3 + k$

$k = 3$

10.  $4 = 6 - t$

$t = 2$

11.  $10 = z - 1$

$z = 11$

12.  $m - 7 = 7$

$m = 14$

13.  $17 = y + 6$

$y = 11$

14.  $j - 0 = 3$

$j = 3$

15.  $v + 7 = 19$

$v = 12$

16.  $10 = 12 - d$

$d = 2$

17.  $2 = 6 - g$

$g = 4$

18.  $11 - h = 0$

$h = 11$

19.  $14 - n = 11$

$n = 3$

20.  $f + 12 = 21$

$f = 9$

## Solving Simple Linear Equations (C)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $s - 9 = 1$

2.  $13 = v + 2$

3.  $3 = w - 4$

4.  $f - 2 = 12$

5.  $4 = c - 9$

6.  $j - 8 = 4$

7.  $12 = n - 10$

8.  $d + 5 = 8$

9.  $14 = t + 5$

10.  $11 = p - 4$

11.  $6 = 11 - m$

12.  $b + 1 = 4$

13.  $11 + a = 19$

14.  $16 = 9 + y$

15.  $14 = k + 3$

16.  $18 = x + 10$

17.  $3 + h = 14$

18.  $r - 2 = 2$

19.  $22 = 12 + z$

20.  $g - 7 = 11$

## Solving Simple Linear Equations (C) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $s - 9 = 1$

$s = 10$

2.  $13 = v + 2$

$v = 11$

3.  $3 = w - 4$

$w = 7$

4.  $f - 2 = 12$

$f = 14$

5.  $4 = c - 9$

$c = 13$

6.  $j - 8 = 4$

$j = 12$

7.  $12 = n - 10$

$n = 22$

8.  $d + 5 = 8$

$d = 3$

9.  $14 = t + 5$

$t = 9$

10.  $11 = p - 4$

$p = 15$

11.  $6 = 11 - m$

$m = 5$

12.  $b + 1 = 4$

$b = 3$

13.  $11 + a = 19$

$a = 8$

14.  $16 = 9 + y$

$y = 7$

15.  $14 = k + 3$

$k = 11$

16.  $18 = x + 10$

$x = 8$

17.  $3 + h = 14$

$h = 11$

18.  $r - 2 = 2$

$r = 4$

19.  $22 = 12 + z$

$z = 10$

20.  $g - 7 = 11$

$g = 18$

## Solving Simple Linear Equations (D)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $m + 11 = 18$

2.  $y + 1 = 3$

3.  $18 = 6 + b$

4.  $10 = 17 - c$

5.  $16 = p + 6$

6.  $9 + n = 14$

7.  $7 = x + 6$

8.  $6 - g = 3$

9.  $11 = f + 6$

10.  $k + 0 = 4$

11.  $a - 5 = 11$

12.  $10 = 13 - z$

13.  $16 = v + 8$

14.  $11 = s + 5$

15.  $18 = d + 12$

16.  $4 - h = 1$

17.  $w + 2 = 9$

18.  $12 - t = 8$

19.  $r + 11 = 12$

20.  $15 = j + 9$

## Solving Simple Linear Equations (D) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $m + 11 = 18$

$m = 7$

2.  $y + 1 = 3$

$y = 2$

3.  $18 = 6 + b$

$b = 12$

4.  $10 = 17 - c$

$c = 7$

5.  $16 = p + 6$

$p = 10$

6.  $9 + n = 14$

$n = 5$

7.  $7 = x + 6$

$x = 1$

8.  $6 - g = 3$

$g = 3$

9.  $11 = f + 6$

$f = 5$

10.  $k + 0 = 4$

$k = 4$

11.  $a - 5 = 11$

$a = 16$

12.  $10 = 13 - z$

$z = 3$

13.  $16 = v + 8$

$v = 8$

14.  $11 = s + 5$

$s = 6$

15.  $18 = d + 12$

$d = 6$

16.  $4 - h = 1$

$h = 3$

17.  $w + 2 = 9$

$w = 7$

18.  $12 - t = 8$

$t = 4$

19.  $r + 11 = 12$

$r = 1$

20.  $15 = j + 9$

$j = 6$



## Solving Simple Linear Equations (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $4 = 10 - b$

2.  $3 = 3 - s$

3.  $0 = 9 - t$

4.  $k + 10 = 16$

5.  $10 = f + 1$

6.  $6 = c + 6$

7.  $6 + h = 18$

8.  $9 = p + 6$

9.  $9 = n - 5$

10.  $12 = 1 + x$

11.  $4 = g - 11$

12.  $y + 8 = 11$

13.  $3 + z = 6$

14.  $12 = r - 8$

15.  $5 = j - 3$

16.  $16 = 9 + w$

17.  $14 = v + 12$

18.  $18 - m = 11$

19.  $d + 12 = 13$

20.  $a - 4 = 7$

## Solving Simple Linear Equations (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $4 = 10 - b$

$b = 6$

2.  $3 = 3 - s$

$s = 0$

3.  $0 = 9 - t$

$t = 9$

4.  $k + 10 = 16$

$k = 6$

5.  $10 = f + 1$

$f = 9$

6.  $6 = c + 6$

$c = 0$

7.  $6 + h = 18$

$h = 12$

8.  $9 = p + 6$

$p = 3$

9.  $9 = n - 5$

$n = 14$

10.  $12 = 1 + x$

$x = 11$

11.  $4 = g - 11$

$g = 15$

12.  $y + 8 = 11$

$y = 3$

13.  $3 + z = 6$

$z = 3$

14.  $12 = r - 8$

$r = 20$

15.  $5 = j - 3$

$j = 8$

16.  $16 = 9 + w$

$w = 7$

17.  $14 = v + 12$

$v = 2$

18.  $18 - m = 11$

$m = 7$

19.  $d + 12 = 13$

$d = 1$

20.  $a - 4 = 7$

$a = 11$

## Solving Simple Linear Equations (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $a + 9 = 14$

2.  $5 = 5 - k$

3.  $11 = s - 8$

4.  $6 = p + 4$

5.  $n + 1 = 7$

6.  $10 = 20 - t$

7.  $14 - j = 5$

8.  $21 = 10 + c$

9.  $12 = h - 1$

10.  $9 = v + 1$

11.  $12 - r = 7$

12.  $15 = 6 + b$

13.  $11 + y = 22$

14.  $x - 6 = 4$

15.  $g - 7 = 10$

16.  $21 = 9 + m$

17.  $15 = 8 + w$

18.  $10 = d + 1$

19.  $z + 10 = 11$

20.  $8 = f - 1$

## Solving Simple Linear Equations (F) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $a + 9 = 14$

$a = 5$

2.  $5 = 5 - k$

$k = 0$

3.  $11 = s - 8$

$s = 19$

4.  $6 = p + 4$

$p = 2$

5.  $n + 1 = 7$

$n = 6$

6.  $10 = 20 - t$

$t = 10$

7.  $14 - j = 5$

$j = 9$

8.  $21 = 10 + c$

$c = 11$

9.  $12 = h - 1$

$h = 13$

10.  $9 = v + 1$

$v = 8$

11.  $12 - r = 7$

$r = 5$

12.  $15 = 6 + b$

$b = 9$

13.  $11 + y = 22$

$y = 11$

14.  $x - 6 = 4$

$x = 10$

15.  $g - 7 = 10$

$g = 17$

16.  $21 = 9 + m$

$m = 12$

17.  $15 = 8 + w$

$w = 7$

18.  $10 = d + 1$

$d = 9$

19.  $z + 10 = 11$

$z = 1$

20.  $8 = f - 1$

$f = 9$

## Solving Simple Linear Equations (G)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $5 = 5 + b$

2.  $5 + h = 7$

3.  $n - 8 = 8$

4.  $r - 8 = 4$

5.  $9 = p - 4$

6.  $9 = 10 - y$

7.  $5 = 14 - x$

8.  $11 + w = 12$

9.  $5 + j = 10$

10.  $s - 7 = 0$

11.  $f - 11 = 12$

12.  $8 = d - 5$

13.  $24 = 12 + g$

14.  $5 - a = 1$

15.  $c + 12 = 23$

16.  $10 = k - 11$

17.  $15 = z + 3$

18.  $7 + v = 15$

19.  $5 + t = 17$

20.  $12 = m - 11$

## Solving Simple Linear Equations (G) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $5 = 5 + b$   
 $b = 0$

2.  $5 + h = 7$   
 $h = 2$

3.  $n - 8 = 8$   
 $n = 16$

4.  $r - 8 = 4$   
 $r = 12$

5.  $9 = p - 4$   
 $p = 13$

6.  $9 = 10 - y$   
 $y = 1$

7.  $5 = 14 - x$   
 $x = 9$

8.  $11 + w = 12$   
 $w = 1$

9.  $5 + j = 10$   
 $j = 5$

10.  $s - 7 = 0$   
 $s = 7$

11.  $f - 11 = 12$   
 $f = 23$

12.  $8 = d - 5$   
 $d = 13$

13.  $24 = 12 + g$   
 $g = 12$

14.  $5 - a = 1$   
 $a = 4$

15.  $c + 12 = 23$   
 $c = 11$

16.  $10 = k - 11$   
 $k = 21$

17.  $15 = z + 3$   
 $z = 12$

18.  $7 + v = 15$   
 $v = 8$

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

20.  $12 = m - 11$   
 $m = 23$

## Solving Simple Linear Equations (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $8 = x - 9$

2.  $3 = 9 - n$

3.  $11 = 1 + g$

4.  $3 + y = 13$

5.  $4 = 11 - b$

6.  $z + 12 = 13$

7.  $4 = 4 + r$

8.  $f - 4 = 11$

9.  $v + 9 = 14$

10.  $0 = 9 - d$

11.  $0 = m + 0$

12.  $4 = 15 - h$

13.  $p + 6 = 11$

14.  $12 = t + 0$

15.  $2 = c - 12$

16.  $12 = k - 3$

17.  $a - 6 = 5$

18.  $s + 5 = 10$

19.  $13 = j + 11$

20.  $w - 9 = 12$

## Solving Simple Linear Equations (H) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $8 = x - 9$

$x = 17$

2.  $3 = 9 - n$

$n = 6$

3.  $11 = 1 + g$

$g = 10$

4.  $3 + y = 13$

$y = 10$

5.  $4 = 11 - b$

$b = 7$

6.  $z + 12 = 13$

$z = 1$

7.  $4 = 4 + r$

$r = 0$

8.  $f - 4 = 11$

$f = 15$

9.  $v + 9 = 14$

$v = 5$

10.  $0 = 9 - d$

$d = 9$

11.  $0 = m + 0$

$m = 0$

12.  $4 = 15 - h$

$h = 11$

13.  $p + 6 = 11$

$p = 5$

14.  $12 = t + 0$

$t = 12$

15.  $2 = c - 12$

$c = 14$

16.  $12 = k - 3$

$k = 15$

17.  $a - 6 = 5$

$a = 11$

18.  $s + 5 = 10$

$s = 5$

19.  $13 = j + 11$

$j = 2$

20.  $w - 9 = 12$

$w = 21$



## Solving Simple Linear Equations (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $0 = 2 - b$

2.  $19 = 12 + a$

3.  $h - 7 = 9$

4.  $9 - j = 7$

5.  $20 - n = 9$

6.  $s - 5 = 12$

7.  $11 = 1 + c$

8.  $3 = 3 - f$

9.  $11 - g = 6$

10.  $10 = 13 - w$

11.  $6 = 8 - d$

12.  $8 + p = 19$

13.  $16 = y + 4$

14.  $18 = t + 9$

15.  $z + 4 = 9$

16.  $17 - v = 11$

17.  $x + 3 = 6$

18.  $3 + r = 8$

19.  $15 = m + 7$

20.  $8 = k - 2$

# Solving Simple Linear Equations (I) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

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

1.  $0 = 2 - b$

$b = 2$

2.  $19 = 12 + a$

$a = 7$

3.  $h - 7 = 9$

$h = 16$

4.  $9 - j = 7$

$j = 2$

5.  $20 - n = 9$

$n = 11$

6.  $s - 5 = 12$

$s = 17$

7.  $11 = 1 + c$

$c = 10$

8.  $3 = 3 - f$

$f = 0$

9.  $11 - g = 6$

$g = 5$

10.  $10 = 13 - w$

$w = 3$

11.  $6 = 8 - d$

$d = 2$

12.  $8 + p = 19$

$p = 11$

13.  $16 = y + 4$

$y = 12$

14.  $18 = t + 9$

$t = 9$

15.  $z + 4 = 9$

$z = 5$

16.  $17 - v = 11$

$v = 6$

17.  $x + 3 = 6$

$x = 3$

18.  $3 + r = 8$

$r = 5$

19.  $15 = m + 7$

$m = 8$

20.  $8 = k - 2$

$k = 10$

## 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: \_\_\_\_\_

Score: \_\_\_\_\_

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.  $8 = 20 - r$

$r = 12$