

## Solving Simple Linear Equations (A)

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

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

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

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

1.  $h - 3 = 7$

2.  $6 - t = 3$

3.  $4 = y - 5$

4.  $s - 6 = 3$

5.  $f - 8 = 5$

6.  $6 = 9 - d$

7.  $x - 8 = 3$

8.  $10 - c = 7$

9.  $3 = 9 - n$

10.  $6 - p = 5$

11.  $12 - g = 6$

12.  $r - 5 = 3$

13.  $6 = 9 - b$

14.  $3 = j - 1$

15.  $10 - z = 4$

16.  $9 = a - 3$

17.  $5 - m = 4$

18.  $w - 5 = 9$

19.  $6 - k = 3$

20.  $2 = 5 - v$

# Solving Simple Linear Equations (A) Answers

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

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

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

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

1.  $h - 3 = 7$

$h = 10$

2.  $6 - t = 3$

$t = 3$

3.  $4 = y - 5$

$y = 9$

4.  $s - 6 = 3$

$s = 9$

5.  $f - 8 = 5$

$f = 13$

6.  $6 = 9 - d$

$d = 3$

7.  $x - 8 = 3$

$x = 11$

8.  $10 - c = 7$

$c = 3$

9.  $3 = 9 - n$

$n = 6$

10.  $6 - p = 5$

$p = 1$

11.  $12 - g = 6$

$g = 6$

12.  $r - 5 = 3$

$r = 8$

13.  $6 = 9 - b$

$b = 3$

14.  $3 = j - 1$

$j = 4$

15.  $10 - z = 4$

$z = 6$

16.  $9 = a - 3$

$a = 12$

17.  $5 - m = 4$

$m = 1$

18.  $w - 5 = 9$

$w = 14$

19.  $6 - k = 3$

$k = 3$

20.  $2 = 5 - v$

$v = 3$

## Solving Simple Linear Equations (B)

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

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

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

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

1.  $9 = 17 - j$

2.  $6 = d - 7$

3.  $10 - y = 1$

4.  $4 = x - 3$

5.  $1 = 2 - k$

6.  $11 - s = 2$

7.  $8 - g = 4$

8.  $a - 4 = 9$

9.  $3 = v - 9$

10.  $8 - p = 6$

11.  $1 = z - 2$

12.  $7 = t - 2$

13.  $8 - n = 1$

14.  $6 = 15 - f$

15.  $h - 5 = 4$

16.  $9 - w = 7$

17.  $b - 7 = 5$

18.  $5 = 8 - r$

19.  $c - 2 = 9$

20.  $5 = m - 5$

## Solving Simple Linear Equations (B) Answers

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

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

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

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

1.  $9 = 17 - j$

$j = 8$

2.  $6 = d - 7$

$d = 13$

3.  $10 - y = 1$

$y = 9$

4.  $4 = x - 3$

$x = 7$

5.  $1 = 2 - k$

$k = 1$

6.  $11 - s = 2$

$s = 9$

7.  $8 - g = 4$

$g = 4$

8.  $a - 4 = 9$

$a = 13$

9.  $3 = v - 9$

$v = 12$

10.  $8 - p = 6$

$p = 2$

11.  $1 = z - 2$

$z = 3$

12.  $7 = t - 2$

$t = 9$

13.  $8 - n = 1$

$n = 7$

14.  $6 = 15 - f$

$f = 9$

15.  $h - 5 = 4$

$h = 9$

16.  $9 - w = 7$

$w = 2$

17.  $b - 7 = 5$

$b = 12$

18.  $5 = 8 - r$

$r = 3$

19.  $c - 2 = 9$

$c = 11$

20.  $5 = m - 5$

$m = 10$

## Solving Simple Linear Equations (C)

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

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

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

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

1.  $2 = 4 - m$

2.  $f - 3 = 3$

3.  $9 = 13 - x$

4.  $4 = 12 - h$

5.  $14 - b = 5$

6.  $14 - n = 8$

7.  $w - 6 = 3$

8.  $5 = a - 6$

9.  $15 - s = 8$

10.  $8 - g = 6$

11.  $k - 9 = 2$

12.  $z - 2 = 3$

13.  $7 = p - 7$

14.  $8 = 12 - j$

15.  $r - 2 = 4$

16.  $5 = y - 9$

17.  $d - 9 = 5$

18.  $4 = 9 - v$

19.  $c - 4 = 4$

20.  $t - 6 = 6$

## Solving Simple Linear Equations (C) Answers

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

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

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

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

1.  $2 = 4 - m$

$m = 2$

2.  $f - 3 = 3$

$f = 6$

3.  $9 = 13 - x$

$x = 4$

4.  $4 = 12 - h$

$h = 8$

5.  $14 - b = 5$

$b = 9$

6.  $14 - n = 8$

$n = 6$

7.  $w - 6 = 3$

$w = 9$

8.  $5 = a - 6$

$a = 11$

9.  $15 - s = 8$

$s = 7$

10.  $8 - g = 6$

$g = 2$

11.  $k - 9 = 2$

$k = 11$

12.  $z - 2 = 3$

$z = 5$

13.  $7 = p - 7$

$p = 14$

14.  $8 = 12 - j$

$j = 4$

15.  $r - 2 = 4$

$r = 6$

16.  $5 = y - 9$

$y = 14$

17.  $d - 9 = 5$

$d = 14$

18.  $4 = 9 - v$

$v = 5$

19.  $c - 4 = 4$

$c = 8$

20.  $t - 6 = 6$

$t = 12$

## Solving Simple Linear Equations (D)

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

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

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

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

1.  $1 = h - 8$

2.  $15 - a = 9$

3.  $k - 7 = 7$

4.  $9 = s - 1$

5.  $5 = z - 5$

6.  $4 = 6 - x$

7.  $j - 8 = 3$

8.  $m - 5 = 7$

9.  $6 = t - 7$

10.  $7 = f - 2$

11.  $5 - v = 3$

12.  $2 = r - 8$

13.  $14 - g = 9$

14.  $n - 3 = 2$

15.  $y - 6 = 4$

16.  $d - 9 = 7$

17.  $4 = c - 7$

18.  $5 = p - 9$

19.  $9 - w = 7$

20.  $13 - b = 4$

## Solving Simple Linear Equations (D) Answers

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

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

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

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

1.  $1 = h - 8$

$h = 9$

2.  $15 - a = 9$

$a = 6$

3.  $k - 7 = 7$

$k = 14$

4.  $9 = s - 1$

$s = 10$

5.  $5 = z - 5$

$z = 10$

6.  $4 = 6 - x$

$x = 2$

7.  $j - 8 = 3$

$j = 11$

8.  $m - 5 = 7$

$m = 12$

9.  $6 = t - 7$

$t = 13$

10.  $7 = f - 2$

$f = 9$

11.  $5 - v = 3$

$v = 2$

12.  $2 = r - 8$

$r = 10$

13.  $14 - g = 9$

$g = 5$

14.  $n - 3 = 2$

$n = 5$

15.  $y - 6 = 4$

$y = 10$

16.  $d - 9 = 7$

$d = 16$

17.  $4 = c - 7$

$c = 11$

18.  $5 = p - 9$

$p = 14$

19.  $9 - w = 7$

$w = 2$

20.  $13 - b = 4$

$b = 9$



## Solving Simple Linear Equations (E)

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

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

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

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

1.  $2 = w - 7$

2.  $k - 6 = 2$

3.  $t - 4 = 1$

4.  $4 = 6 - s$

5.  $9 = 14 - g$

6.  $17 - f = 8$

7.  $18 - a = 9$

8.  $d - 4 = 3$

9.  $y - 7 = 4$

10.  $9 = 15 - r$

11.  $6 = 7 - n$

12.  $1 = 4 - m$

13.  $1 = 8 - b$

14.  $p - 5 = 5$

15.  $6 = j - 3$

16.  $6 = 11 - x$

17.  $2 = v - 9$

18.  $14 - h = 6$

19.  $6 = z - 4$

20.  $3 = 9 - c$

## Solving Simple Linear Equations (E) Answers

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

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

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

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

1.  $2 = w - 7$

$w = 9$

2.  $k - 6 = 2$

$k = 8$

3.  $t - 4 = 1$

$t = 5$

4.  $4 = 6 - s$

$s = 2$

5.  $9 = 14 - g$

$g = 5$

6.  $17 - f = 8$

$f = 9$

7.  $18 - a = 9$

$a = 9$

8.  $d - 4 = 3$

$d = 7$

9.  $y - 7 = 4$

$y = 11$

10.  $9 = 15 - r$

$r = 6$

11.  $6 = 7 - n$

$n = 1$

12.  $1 = 4 - m$

$m = 3$

13.  $1 = 8 - b$

$b = 7$

14.  $p - 5 = 5$

$p = 10$

15.  $6 = j - 3$

$j = 9$

16.  $6 = 11 - x$

$x = 5$

17.  $2 = v - 9$

$v = 11$

18.  $14 - h = 6$

$h = 8$

19.  $6 = z - 4$

$z = 10$

20.  $3 = 9 - c$

$c = 6$

## Solving Simple Linear Equations (F)

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

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

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

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

1.  $3 = x - 1$

2.  $p - 5 = 7$

3.  $2 - t = 1$

4.  $1 = m - 9$

5.  $9 = v - 1$

6.  $g - 1 = 9$

7.  $n - 2 = 1$

8.  $11 - s = 7$

9.  $2 = 4 - r$

10.  $6 = c - 3$

11.  $1 = f - 5$

12.  $10 - w = 6$

13.  $9 - j = 6$

14.  $3 = h - 5$

15.  $b - 1 = 5$

16.  $9 - k = 4$

17.  $8 = 13 - y$

18.  $3 = d - 6$

19.  $2 = 3 - z$

20.  $11 - a = 3$

# Solving Simple Linear Equations (F) Answers

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

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

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

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

1.  $3 = x - 1$

$x = 4$

2.  $p - 5 = 7$

$p = 12$

3.  $2 - t = 1$

$t = 1$

4.  $1 = m - 9$

$m = 10$

5.  $9 = v - 1$

$v = 10$

6.  $g - 1 = 9$

$g = 10$

7.  $n - 2 = 1$

$n = 3$

8.  $11 - s = 7$

$s = 4$

9.  $2 = 4 - r$

$r = 2$

10.  $6 = c - 3$

$c = 9$

11.  $1 = f - 5$

$f = 6$

12.  $10 - w = 6$

$w = 4$

13.  $9 - j = 6$

$j = 3$

14.  $3 = h - 5$

$h = 8$

15.  $b - 1 = 5$

$b = 6$

16.  $9 - k = 4$

$k = 5$

17.  $8 = 13 - y$

$y = 5$

18.  $3 = d - 6$

$d = 9$

19.  $2 = 3 - z$

$z = 1$

20.  $11 - a = 3$

$a = 8$

## Solving Simple Linear Equations (G)

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

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

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

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

1.  $z - 2 = 4$

2.  $16 - b = 8$

3.  $n - 1 = 9$

4.  $g - 9 = 1$

5.  $7 = h - 4$

6.  $x - 2 = 8$

7.  $16 - w = 7$

8.  $3 - t = 1$

9.  $m - 8 = 4$

10.  $4 - f = 3$

11.  $p - 5 = 6$

12.  $9 = 18 - a$

13.  $8 = 10 - r$

14.  $1 = k - 2$

15.  $2 = s - 6$

16.  $8 - y = 5$

17.  $4 = 9 - j$

18.  $4 = 8 - v$

19.  $5 = 7 - c$

20.  $d - 5 = 8$

## Solving Simple Linear Equations (G) Answers

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

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

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

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

1.  $z - 2 = 4$

$z = 6$

2.  $16 - b = 8$

$b = 8$

3.  $n - 1 = 9$

$n = 10$

4.  $g - 9 = 1$

$g = 10$

5.  $7 = h - 4$

$h = 11$

6.  $x - 2 = 8$

$x = 10$

7.  $16 - w = 7$

$w = 9$

8.  $3 - t = 1$

$t = 2$

9.  $m - 8 = 4$

$m = 12$

10.  $4 - f = 3$

$f = 1$

11.  $p - 5 = 6$

$p = 11$

12.  $9 = 18 - a$

$a = 9$

13.  $8 = 10 - r$

$r = 2$

14.  $1 = k - 2$

$k = 3$

15.  $2 = s - 6$

$s = 8$

16.  $8 - y = 5$

$y = 3$

17.  $4 = 9 - j$

$j = 5$

18.  $4 = 8 - v$

$v = 4$

19.  $5 = 7 - c$

$c = 2$

20.  $d - 5 = 8$

$d = 13$

## Solving Simple Linear Equations (H)

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

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

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

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

1.  $8 = 17 - w$

2.  $6 = z - 1$

3.  $5 = k - 2$

4.  $2 = 9 - m$

5.  $3 = r - 3$

6.  $17 - a = 8$

7.  $11 - h = 3$

8.  $3 = 8 - c$

9.  $7 = p - 6$

10.  $v - 5 = 6$

11.  $b - 7 = 4$

12.  $5 = 14 - t$

13.  $13 - y = 5$

14.  $1 = f - 2$

15.  $8 = 15 - g$

16.  $5 = 9 - s$

17.  $d - 2 = 7$

18.  $3 = 4 - j$

19.  $n - 6 = 6$

20.  $6 = 7 - x$

## Solving Simple Linear Equations (H) Answers

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

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

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

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

1.  $8 = 17 - w$

$w = 9$

2.  $6 = z - 1$

$z = 7$

3.  $5 = k - 2$

$k = 7$

4.  $2 = 9 - m$

$m = 7$

5.  $3 = r - 3$

$r = 6$

6.  $17 - a = 8$

$a = 9$

7.  $11 - h = 3$

$h = 8$

8.  $3 = 8 - c$

$c = 5$

9.  $7 = p - 6$

$p = 13$

10.  $v - 5 = 6$

$v = 11$

11.  $b - 7 = 4$

$b = 11$

12.  $5 = 14 - t$

$t = 9$

13.  $13 - y = 5$

$y = 8$

14.  $1 = f - 2$

$f = 3$

15.  $8 = 15 - g$

$g = 7$

16.  $5 = 9 - s$

$s = 4$

17.  $d - 2 = 7$

$d = 9$

18.  $3 = 4 - j$

$j = 1$

19.  $n - 6 = 6$

$n = 12$

20.  $6 = 7 - x$

$x = 1$



# Solving Simple Linear Equations (I)

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

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

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

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

1.  $k - 6 = 1$

2.  $13 - y = 4$

3.  $8 = 10 - z$

4.  $5 = 9 - c$

5.  $3 = r - 8$

6.  $p - 2 = 9$

7.  $n - 9 = 1$

8.  $a - 6 = 6$

9.  $t - 9 = 4$

10.  $8 = 14 - f$

11.  $6 = h - 3$

12.  $x - 7 = 2$

13.  $7 = 15 - w$

14.  $s - 1 = 9$

15.  $5 = g - 5$

16.  $9 - d = 2$

17.  $2 = 8 - b$

18.  $9 = j - 5$

19.  $8 - m = 2$

20.  $5 = v - 3$

# Solving Simple Linear Equations (I) Answers

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

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

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

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

1.  $k - 6 = 1$

$k = 7$

2.  $13 - y = 4$

$y = 9$

3.  $8 = 10 - z$

$z = 2$

4.  $5 = 9 - c$

$c = 4$

5.  $3 = r - 8$

$r = 11$

6.  $p - 2 = 9$

$p = 11$

7.  $n - 9 = 1$

$n = 10$

8.  $a - 6 = 6$

$a = 12$

9.  $t - 9 = 4$

$t = 13$

10.  $8 = 14 - f$

$f = 6$

11.  $6 = h - 3$

$h = 9$

12.  $x - 7 = 2$

$x = 9$

13.  $7 = 15 - w$

$w = 8$

14.  $s - 1 = 9$

$s = 10$

15.  $5 = g - 5$

$g = 10$

16.  $9 - d = 2$

$d = 7$

17.  $2 = 8 - b$

$b = 6$

18.  $9 = j - 5$

$j = 14$

19.  $8 - m = 2$

$m = 6$

20.  $5 = v - 3$

$v = 8$

## Solving Simple Linear Equations (J)

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

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

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

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

1.  $d - 8 = 8$

2.  $z - 5 = 6$

3.  $g - 6 = 5$

4.  $4 - b = 1$

5.  $c - 2 = 5$

6.  $6 = 9 - y$

7.  $10 - f = 1$

8.  $9 = 14 - j$

9.  $n - 7 = 3$

10.  $2 = p - 5$

11.  $4 = 6 - x$

12.  $2 = h - 9$

13.  $15 - m = 6$

14.  $10 - k = 3$

15.  $w - 2 = 2$

16.  $2 = 11 - a$

17.  $s - 3 = 5$

18.  $4 = t - 6$

19.  $3 = 7 - v$

20.  $r - 5 = 7$

## Solving Simple Linear Equations (J) Answers

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

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

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

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

1.  $d - 8 = 8$

$d = 16$

2.  $z - 5 = 6$

$z = 11$

3.  $g - 6 = 5$

$g = 11$

4.  $4 - b = 1$

$b = 3$

5.  $c - 2 = 5$

$c = 7$

6.  $6 = 9 - y$

$y = 3$

7.  $10 - f = 1$

$f = 9$

8.  $9 = 14 - j$

$j = 5$

9.  $n - 7 = 3$

$n = 10$

10.  $2 = p - 5$

$p = 7$

11.  $4 = 6 - x$

$x = 2$

12.  $2 = h - 9$

$h = 11$

13.  $15 - m = 6$

$m = 9$

14.  $10 - k = 3$

$k = 7$

15.  $w - 2 = 2$

$w = 4$

16.  $2 = 11 - a$

$a = 9$

17.  $s - 3 = 5$

$s = 8$

18.  $4 = t - 6$

$t = 10$

19.  $3 = 7 - v$

$v = 4$

20.  $r - 5 = 7$

$r = 12$