

## Solving Simple Linear Equations (A)

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

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

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

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

1.  $c - 18 = 12$

2.  $19 - j = 5$

3.  $15 - b = 2$

4.  $g - 6 = 4$

5.  $p - 7 = 7$

6.  $20 - a = 4$

7.  $4 = 18 - s$

8.  $5 = 10 - t$

9.  $21 - z = 18$

10.  $9 = x - 10$

11.  $18 - w = 7$

12.  $14 = 17 - v$

13.  $8 = r - 1$

14.  $19 = 32 - h$

15.  $13 = 32 - k$

16.  $29 - f = 20$

17.  $13 = m - 2$

18.  $11 = 26 - n$

19.  $11 = y - 10$

20.  $d - 12 = 18$

## Solving Simple Linear Equations (A) Answers

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

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

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

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

1.  $c - 18 = 12$

$c = 30$

2.  $19 - j = 5$

$j = 14$

3.  $15 - b = 2$

$b = 13$

4.  $g - 6 = 4$

$g = 10$

5.  $p - 7 = 7$

$p = 14$

6.  $20 - a = 4$

$a = 16$

7.  $4 = 18 - s$

$s = 14$

8.  $5 = 10 - t$

$t = 5$

9.  $21 - z = 18$

$z = 3$

10.  $9 = x - 10$

$x = 19$

11.  $18 - w = 7$

$w = 11$

12.  $14 = 17 - v$

$v = 3$

13.  $8 = r - 1$

$r = 9$

14.  $19 = 32 - h$

$h = 13$

15.  $13 = 32 - k$

$k = 19$

16.  $29 - f = 20$

$f = 9$

17.  $13 = m - 2$

$m = 15$

18.  $11 = 26 - n$

$n = 15$

19.  $11 = y - 10$

$y = 21$

20.  $d - 12 = 18$

$d = 30$

## Solving Simple Linear Equations (B)

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

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

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

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

1.  $24 - g = 4$

2.  $b - 18 = 16$

3.  $x - 13 = 16$

4.  $c - 3 = 12$

5.  $15 - m = 12$

6.  $8 = z - 17$

7.  $19 = a - 2$

8.  $29 - d = 14$

9.  $17 = v - 13$

10.  $18 = 35 - j$

11.  $s - 16 = 14$

12.  $15 = t - 2$

13.  $16 - k = 12$

14.  $w - 10 = 8$

15.  $15 = y - 11$

16.  $12 = r - 17$

17.  $f - 19 = 19$

18.  $12 = h - 13$

19.  $9 = 15 - p$

20.  $20 = n - 2$

## Solving Simple Linear Equations (B) Answers

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

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

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

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

1.  $24 - g = 4$   
 $g = 20$

2.  $b - 18 = 16$   
 $b = 34$

3.  $x - 13 = 16$   
 $x = 29$

4.  $c - 3 = 12$   
 $c = 15$

5.  $15 - m = 12$   
 $m = 3$

6.  $8 = z - 17$   
 $z = 25$

7.  $19 = a - 2$   
 $a = 21$

8.  $29 - d = 14$   
 $d = 15$

9.  $17 = v - 13$   
 $v = 30$

10.  $18 = 35 - j$   
 $j = 17$

11.  $s - 16 = 14$   
 $s = 30$

12.  $15 = t - 2$   
 $t = 17$

13.  $16 - k = 12$   
 $k = 4$

14.  $w - 10 = 8$   
 $w = 18$

15.  $15 = y - 11$   
 $y = 26$

16.  $12 = r - 17$   
 $r = 29$

17.  $f - 19 = 19$   
 $f = 38$

18.  $12 = h - 13$   
 $h = 25$

19.  $9 = 15 - p$   
 $p = 6$

20.  $20 = n - 2$   
 $n = 22$

## Solving Simple Linear Equations (C)

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

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

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

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

1.  $11 = g - 2$

2.  $5 = z - 12$

3.  $15 = 21 - m$

4.  $13 - c = 6$

5.  $10 = 11 - r$

6.  $21 - k = 11$

7.  $25 - y = 6$

8.  $4 = h - 1$

9.  $27 - w = 13$

10.  $20 = j - 5$

11.  $5 = 15 - a$

12.  $16 = 35 - f$

13.  $16 = 33 - v$

14.  $36 - d = 17$

15.  $n - 7 = 6$

16.  $33 - x = 19$

17.  $19 = 21 - b$

18.  $35 - p = 19$

19.  $24 - t = 6$

20.  $11 = 14 - s$

## Solving Simple Linear Equations (C) Answers

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

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

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

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

1.  $11 = g - 2$

$g = 13$

2.  $5 = z - 12$

$z = 17$

3.  $15 = 21 - m$

$m = 6$

4.  $13 - c = 6$

$c = 7$

5.  $10 = 11 - r$

$r = 1$

6.  $21 - k = 11$

$k = 10$

7.  $25 - y = 6$

$y = 19$

8.  $4 = h - 1$

$h = 5$

9.  $27 - w = 13$

$w = 14$

10.  $20 = j - 5$

$j = 25$

11.  $5 = 15 - a$

$a = 10$

12.  $16 = 35 - f$

$f = 19$

13.  $16 = 33 - v$

$v = 17$

14.  $36 - d = 17$

$d = 19$

15.  $n - 7 = 6$

$n = 13$

16.  $33 - x = 19$

$x = 14$

17.  $19 = 21 - b$

$b = 2$

18.  $35 - p = 19$

$p = 16$

19.  $24 - t = 6$

$t = 18$

20.  $11 = 14 - s$

$s = 3$

## Solving Simple Linear Equations (D)

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

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

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

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

1.  $20 - f = 2$

2.  $3 = r - 12$

3.  $3 = 14 - x$

4.  $24 - h = 13$

5.  $10 - v = 5$

6.  $14 = w - 8$

7.  $n - 9 = 7$

8.  $17 = 27 - a$

9.  $25 - z = 15$

10.  $g - 9 = 15$

11.  $9 = j - 8$

12.  $12 = m - 14$

13.  $p - 7 = 14$

14.  $2 = 6 - c$

15.  $b - 2 = 7$

16.  $37 - t = 19$

17.  $y - 13 = 7$

18.  $17 = 29 - k$

19.  $s - 7 = 18$

20.  $22 - d = 2$

## Solving Simple Linear Equations (D) Answers

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

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

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

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

1.  $20 - f = 2$

$f = 18$

2.  $3 = r - 12$

$r = 15$

3.  $3 = 14 - x$

$x = 11$

4.  $24 - h = 13$

$h = 11$

5.  $10 - v = 5$

$v = 5$

6.  $14 = w - 8$

$w = 22$

7.  $n - 9 = 7$

$n = 16$

8.  $17 = 27 - a$

$a = 10$

9.  $25 - z = 15$

$z = 10$

10.  $g - 9 = 15$

$g = 24$

11.  $9 = j - 8$

$j = 17$

12.  $12 = m - 14$

$m = 26$

13.  $p - 7 = 14$

$p = 21$

14.  $2 = 6 - c$

$c = 4$

15.  $b - 2 = 7$

$b = 9$

16.  $37 - t = 19$

$t = 18$

17.  $y - 13 = 7$

$y = 20$

18.  $17 = 29 - k$

$k = 12$

19.  $s - 7 = 18$

$s = 25$

20.  $22 - d = 2$

$d = 20$



## Solving Simple Linear Equations (E)

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

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

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

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

1.  $w - 1 = 2$

2.  $12 = k - 9$

3.  $v - 15 = 13$

4.  $14 = 28 - z$

5.  $13 = p - 20$

6.  $t - 8 = 15$

7.  $15 = 26 - x$

8.  $d - 10 = 10$

9.  $13 - m = 1$

10.  $a - 13 = 14$

11.  $s - 6 = 3$

12.  $23 - g = 18$

13.  $5 = 13 - c$

14.  $25 - j = 8$

15.  $31 - y = 18$

16.  $f - 4 = 4$

17.  $3 = 13 - n$

18.  $11 = 26 - b$

19.  $r - 20 = 12$

20.  $h - 13 = 1$

## Solving Simple Linear Equations (E) Answers

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

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

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

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

1.  $w - 1 = 2$

$w = 3$

2.  $12 = k - 9$

$k = 21$

3.  $v - 15 = 13$

$v = 28$

4.  $14 = 28 - z$

$z = 14$

5.  $13 = p - 20$

$p = 33$

6.  $t - 8 = 15$

$t = 23$

7.  $15 = 26 - x$

$x = 11$

8.  $d - 10 = 10$

$d = 20$

9.  $13 - m = 1$

$m = 12$

10.  $a - 13 = 14$

$a = 27$

11.  $s - 6 = 3$

$s = 9$

12.  $23 - g = 18$

$g = 5$

13.  $5 = 13 - c$

$c = 8$

14.  $25 - j = 8$

$j = 17$

15.  $31 - y = 18$

$y = 13$

16.  $f - 4 = 4$

$f = 8$

17.  $3 = 13 - n$

$n = 10$

18.  $11 = 26 - b$

$b = 15$

19.  $r - 20 = 12$

$r = 32$

20.  $h - 13 = 1$

$h = 14$

## Solving Simple Linear Equations (F)

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

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

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

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

1.  $3 = d - 7$

2.  $r - 7 = 17$

3.  $19 = 37 - b$

4.  $11 = 15 - k$

5.  $21 - g = 3$

6.  $31 - p = 20$

7.  $m - 18 = 19$

8.  $8 = x - 16$

9.  $h - 4 = 14$

10.  $14 = 15 - z$

11.  $f - 20 = 8$

12.  $17 - j = 16$

13.  $29 - y = 11$

14.  $9 = w - 20$

15.  $c - 12 = 2$

16.  $18 = 19 - a$

17.  $v - 2 = 7$

18.  $9 = s - 12$

19.  $19 - t = 10$

20.  $19 = n - 20$

## Solving Simple Linear Equations (F) Answers

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

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

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

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

1.  $3 = d - 7$

$d = 10$

2.  $r - 7 = 17$

$r = 24$

3.  $19 = 37 - b$

$b = 18$

4.  $11 = 15 - k$

$k = 4$

5.  $21 - g = 3$

$g = 18$

6.  $31 - p = 20$

$p = 11$

7.  $m - 18 = 19$

$m = 37$

8.  $8 = x - 16$

$x = 24$

9.  $h - 4 = 14$

$h = 18$

10.  $14 = 15 - z$

$z = 1$

11.  $f - 20 = 8$

$f = 28$

12.  $17 - j = 16$

$j = 1$

13.  $29 - y = 11$

$y = 18$

14.  $9 = w - 20$

$w = 29$

15.  $c - 12 = 2$

$c = 14$

16.  $18 = 19 - a$

$a = 1$

17.  $v - 2 = 7$

$v = 9$

18.  $9 = s - 12$

$s = 21$

19.  $19 - t = 10$

$t = 9$

20.  $19 = n - 20$

$n = 39$

## Solving Simple Linear Equations (G)

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

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

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

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

1.  $3 = 22 - h$

2.  $16 = 29 - a$

3.  $6 = w - 8$

4.  $33 - d = 13$

5.  $9 - t = 8$

6.  $25 - v = 13$

7.  $x - 9 = 20$

8.  $19 = 22 - g$

9.  $35 - r = 17$

10.  $z - 14 = 16$

11.  $16 = f - 6$

12.  $24 - b = 9$

13.  $12 = 18 - s$

14.  $16 = n - 5$

15.  $k - 3 = 6$

16.  $y - 1 = 5$

17.  $20 = c - 14$

18.  $4 = p - 13$

19.  $17 - m = 7$

20.  $5 - j = 2$

## Solving Simple Linear Equations (G) Answers

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

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

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

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

1.  $3 = 22 - h$

$h = 19$

2.  $16 = 29 - a$

$a = 13$

3.  $6 = w - 8$

$w = 14$

4.  $33 - d = 13$

$d = 20$

5.  $9 - t = 8$

$t = 1$

6.  $25 - v = 13$

$v = 12$

7.  $x - 9 = 20$

$x = 29$

8.  $19 = 22 - g$

$g = 3$

9.  $35 - r = 17$

$r = 18$

10.  $z - 14 = 16$

$z = 30$

11.  $16 = f - 6$

$f = 22$

12.  $24 - b = 9$

$b = 15$

13.  $12 = 18 - s$

$s = 6$

14.  $16 = n - 5$

$n = 21$

15.  $k - 3 = 6$

$k = 9$

16.  $y - 1 = 5$

$y = 6$

17.  $20 = c - 14$

$c = 34$

18.  $4 = p - 13$

$p = 17$

19.  $17 - m = 7$

$m = 10$

20.  $5 - j = 2$

$j = 3$

## Solving Simple Linear Equations (H)

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

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

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

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

1.  $16 = 30 - h$

2.  $25 - f = 5$

3.  $11 = y - 1$

4.  $4 = 10 - g$

5.  $v - 20 = 11$

6.  $19 = t - 5$

7.  $16 = a - 20$

8.  $38 - w = 18$

9.  $15 - c = 5$

10.  $14 - x = 3$

11.  $17 = j - 13$

12.  $k - 10 = 10$

13.  $s - 17 = 5$

14.  $n - 8 = 19$

15.  $29 - b = 12$

16.  $6 = 10 - z$

17.  $5 = 8 - d$

18.  $14 = p - 19$

19.  $m - 4 = 14$

20.  $r - 17 = 14$

## Solving Simple Linear Equations (H) Answers

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

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

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

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

1.  $16 = 30 - h$

$h = 14$

2.  $25 - f = 5$

$f = 20$

3.  $11 = y - 1$

$y = 12$

4.  $4 = 10 - g$

$g = 6$

5.  $v - 20 = 11$

$v = 31$

6.  $19 = t - 5$

$t = 24$

7.  $16 = a - 20$

$a = 36$

8.  $38 - w = 18$

$w = 20$

9.  $15 - c = 5$

$c = 10$

10.  $14 - x = 3$

$x = 11$

11.  $17 = j - 13$

$j = 30$

12.  $k - 10 = 10$

$k = 20$

13.  $s - 17 = 5$

$s = 22$

14.  $n - 8 = 19$

$n = 27$

15.  $29 - b = 12$

$b = 17$

16.  $6 = 10 - z$

$z = 4$

17.  $5 = 8 - d$

$d = 3$

18.  $14 = p - 19$

$p = 33$

19.  $m - 4 = 14$

$m = 18$

20.  $r - 17 = 14$

$r = 31$



# Solving Simple Linear Equations (I)

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

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

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

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

1.  $2 = 4 - b$

2.  $r - 17 = 7$

3.  $12 = 13 - v$

4.  $6 = 9 - y$

5.  $p - 5 = 18$

6.  $k - 8 = 8$

7.  $16 = a - 12$

8.  $2 = t - 16$

9.  $j - 14 = 3$

10.  $5 = 10 - c$

11.  $f - 1 = 6$

12.  $d - 20 = 10$

13.  $11 = 13 - w$

14.  $17 = h - 6$

15.  $24 - m = 11$

16.  $16 = 26 - n$

17.  $31 - z = 19$

18.  $g - 7 = 13$

19.  $29 - s = 11$

20.  $x - 18 = 11$

# Solving Simple Linear Equations (I) Answers

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

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

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

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

1.  $2 = 4 - b$

$b = 2$

2.  $r - 17 = 7$

$r = 24$

3.  $12 = 13 - v$

$v = 1$

4.  $6 = 9 - y$

$y = 3$

5.  $p - 5 = 18$

$p = 23$

6.  $k - 8 = 8$

$k = 16$

7.  $16 = a - 12$

$a = 28$

8.  $2 = t - 16$

$t = 18$

9.  $j - 14 = 3$

$j = 17$

10.  $5 = 10 - c$

$c = 5$

11.  $f - 1 = 6$

$f = 7$

12.  $d - 20 = 10$

$d = 30$

13.  $11 = 13 - w$

$w = 2$

14.  $17 = h - 6$

$h = 23$

15.  $24 - m = 11$

$m = 13$

16.  $16 = 26 - n$

$n = 10$

17.  $31 - z = 19$

$z = 12$

18.  $g - 7 = 13$

$g = 20$

19.  $29 - s = 11$

$s = 18$

20.  $x - 18 = 11$

$x = 29$

## Solving Simple Linear Equations (J)

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

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

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

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

1.  $15 = r - 9$

2.  $s - 16 = 20$

3.  $g - 20 = 18$

4.  $12 = b - 5$

5.  $29 - f = 18$

6.  $1 = p - 12$

7.  $11 = n - 1$

8.  $5 - v = 2$

9.  $c - 16 = 13$

10.  $29 - h = 12$

11.  $12 = 14 - w$

12.  $x - 6 = 15$

13.  $19 - m = 11$

14.  $1 = k - 6$

15.  $4 = a - 12$

16.  $12 = 28 - t$

17.  $z - 10 = 6$

18.  $24 - j = 8$

19.  $6 = d - 2$

20.  $22 - y = 17$

## Solving Simple Linear Equations (J) Answers

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

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

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

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

1.  $15 = r - 9$

$r = 24$

2.  $s - 16 = 20$

$s = 36$

3.  $g - 20 = 18$

$g = 38$

4.  $12 = b - 5$

$b = 17$

5.  $29 - f = 18$

$f = 11$

6.  $1 = p - 12$

$p = 13$

7.  $11 = n - 1$

$n = 12$

8.  $5 - v = 2$

$v = 3$

9.  $c - 16 = 13$

$c = 29$

10.  $29 - h = 12$

$h = 17$

11.  $12 = 14 - w$

$w = 2$

12.  $x - 6 = 15$

$x = 21$

13.  $19 - m = 11$

$m = 8$

14.  $1 = k - 6$

$k = 7$

15.  $4 = a - 12$

$a = 16$

16.  $12 = 28 - t$

$t = 16$

17.  $z - 10 = 6$

$z = 16$

18.  $24 - j = 8$

$j = 16$

19.  $6 = d - 2$

$d = 8$

20.  $22 - y = 17$

$y = 5$