

## Solving Simple Linear Equations (A)

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

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

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

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

1.  $7 = m + 1$

2.  $14 = 9 + t$

3.  $14 = 6 + c$

4.  $9 = x + 7$

5.  $8 = 1 + b$

6.  $12 = 6 + h$

7.  $11 = 2 + w$

8.  $11 = f + 6$

9.  $7 = 1 + y$

10.  $4 = k + 3$

11.  $9 = j + 2$

12.  $6 + a = 15$

13.  $d + 6 = 8$

14.  $5 + z = 7$

15.  $12 = p + 6$

16.  $9 = 8 + v$

17.  $16 = r + 8$

18.  $11 = g + 8$

19.  $11 = s + 7$

20.  $11 = 4 + n$

## Solving Simple Linear Equations (A) Answers

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

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

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

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

1.  $7 = m + 1$

$m = 6$

2.  $14 = 9 + t$

$t = 5$

3.  $14 = 6 + c$

$c = 8$

4.  $9 = x + 7$

$x = 2$

5.  $8 = 1 + b$

$b = 7$

6.  $12 = 6 + h$

$h = 6$

7.  $11 = 2 + w$

$w = 9$

8.  $11 = f + 6$

$f = 5$

9.  $7 = 1 + y$

$y = 6$

10.  $4 = k + 3$

$k = 1$

11.  $9 = j + 2$

$j = 7$

12.  $6 + a = 15$

$a = 9$

13.  $d + 6 = 8$

$d = 2$

14.  $5 + z = 7$

$z = 2$

15.  $12 = p + 6$

$p = 6$

16.  $9 = 8 + v$

$v = 1$

17.  $16 = r + 8$

$r = 8$

18.  $11 = g + 8$

$g = 3$

19.  $11 = s + 7$

$s = 4$

20.  $11 = 4 + n$

$n = 7$

## Solving Simple Linear Equations (B)

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

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

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

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

1.  $j + 2 = 7$

2.  $b + 9 = 18$

3.  $9 = 2 + x$

4.  $3 + y = 8$

5.  $t + 1 = 3$

6.  $1 + p = 3$

7.  $16 = k + 8$

8.  $w + 3 = 5$

9.  $r + 3 = 11$

10.  $13 = z + 5$

11.  $9 = d + 1$

12.  $11 = 7 + n$

13.  $4 + v = 7$

14.  $14 = h + 5$

15.  $18 = 9 + c$

16.  $7 = 2 + g$

17.  $f + 9 = 14$

18.  $10 = s + 4$

19.  $6 = 3 + a$

20.  $12 = 7 + m$

## Solving Simple Linear Equations (B) Answers

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

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

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

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

1.  $j + 2 = 7$

$j = 5$

2.  $b + 9 = 18$

$b = 9$

3.  $9 = 2 + x$

$x = 7$

4.  $3 + y = 8$

$y = 5$

5.  $t + 1 = 3$

$t = 2$

6.  $1 + p = 3$

$p = 2$

7.  $16 = k + 8$

$k = 8$

8.  $w + 3 = 5$

$w = 2$

9.  $r + 3 = 11$

$r = 8$

10.  $13 = z + 5$

$z = 8$

11.  $9 = d + 1$

$d = 8$

12.  $11 = 7 + n$

$n = 4$

13.  $4 + v = 7$

$v = 3$

14.  $14 = h + 5$

$h = 9$

15.  $18 = 9 + c$

$c = 9$

16.  $7 = 2 + g$

$g = 5$

17.  $f + 9 = 14$

$f = 5$

18.  $10 = s + 4$

$s = 6$

19.  $6 = 3 + a$

$a = 3$

20.  $12 = 7 + m$

$m = 5$

## Solving Simple Linear Equations (C)

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

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

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

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

1.  $b + 7 = 14$

2.  $12 = 6 + m$

3.  $12 = d + 7$

4.  $t + 4 = 9$

5.  $5 + j = 11$

6.  $9 = k + 1$

7.  $p + 7 = 14$

8.  $4 = 2 + a$

9.  $13 = h + 6$

10.  $9 = 8 + s$

11.  $11 = z + 8$

12.  $n + 4 = 13$

13.  $14 = 8 + c$

14.  $f + 7 = 8$

15.  $w + 1 = 9$

16.  $x + 6 = 10$

17.  $y + 2 = 11$

18.  $g + 8 = 11$

19.  $r + 5 = 13$

20.  $4 = v + 2$

## Solving Simple Linear Equations (C) Answers

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

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

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

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

1.  $b + 7 = 14$

$b = 7$

2.  $12 = 6 + m$

$m = 6$

3.  $12 = d + 7$

$d = 5$

4.  $t + 4 = 9$

$t = 5$

5.  $5 + j = 11$

$j = 6$

6.  $9 = k + 1$

$k = 8$

7.  $p + 7 = 14$

$p = 7$

8.  $4 = 2 + a$

$a = 2$

9.  $13 = h + 6$

$h = 7$

10.  $9 = 8 + s$

$s = 1$

11.  $11 = z + 8$

$z = 3$

12.  $n + 4 = 13$

$n = 9$

13.  $14 = 8 + c$

$c = 6$

14.  $f + 7 = 8$

$f = 1$

15.  $w + 1 = 9$

$w = 8$

16.  $x + 6 = 10$

$x = 4$

17.  $y + 2 = 11$

$y = 9$

18.  $g + 8 = 11$

$g = 3$

19.  $r + 5 = 13$

$r = 8$

20.  $4 = v + 2$

$v = 2$

## Solving Simple Linear Equations (D)

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

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

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

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

1.  $s + 1 = 2$

2.  $2 + c = 6$

3.  $p + 9 = 14$

4.  $10 = x + 8$

5.  $12 = z + 7$

6.  $5 + n = 12$

7.  $16 = t + 8$

8.  $12 = 6 + d$

9.  $9 = 5 + k$

10.  $14 = r + 8$

11.  $10 = 5 + b$

12.  $m + 5 = 14$

13.  $10 = w + 1$

14.  $17 = f + 8$

15.  $9 + j = 13$

16.  $4 = 2 + y$

17.  $15 = 8 + v$

18.  $g + 3 = 12$

19.  $9 + h = 12$

20.  $13 = 9 + a$

## Solving Simple Linear Equations (D) Answers

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

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

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

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

1.  $s + 1 = 2$

$s = 1$

2.  $2 + c = 6$

$c = 4$

3.  $p + 9 = 14$

$p = 5$

4.  $10 = x + 8$

$x = 2$

5.  $12 = z + 7$

$z = 5$

6.  $5 + n = 12$

$n = 7$

7.  $16 = t + 8$

$t = 8$

8.  $12 = 6 + d$

$d = 6$

9.  $9 = 5 + k$

$k = 4$

10.  $14 = r + 8$

$r = 6$

11.  $10 = 5 + b$

$b = 5$

12.  $m + 5 = 14$

$m = 9$

13.  $10 = w + 1$

$w = 9$

14.  $17 = f + 8$

$f = 9$

15.  $9 + j = 13$

$j = 4$

16.  $4 = 2 + y$

$y = 2$

17.  $15 = 8 + v$

$v = 7$

18.  $g + 3 = 12$

$g = 9$

19.  $9 + h = 12$

$h = 3$

20.  $13 = 9 + a$

$a = 4$



## Solving Simple Linear Equations (E)

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

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

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

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

1.  $14 = p + 8$

2.  $n + 3 = 12$

3.  $10 = 1 + y$

4.  $14 = m + 5$

5.  $5 = z + 4$

6.  $c + 6 = 11$

7.  $v + 1 = 5$

8.  $10 = 3 + w$

9.  $15 = 7 + f$

10.  $10 = 1 + s$

11.  $11 = t + 9$

12.  $17 = d + 8$

13.  $10 = a + 1$

14.  $6 + x = 15$

15.  $9 = 3 + r$

16.  $2 + b = 3$

17.  $9 = 6 + h$

18.  $3 = 2 + g$

19.  $15 = 6 + j$

20.  $10 = k + 3$

## Solving Simple Linear Equations (E) Answers

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

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

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

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

1.  $14 = p + 8$

$p = 6$

2.  $n + 3 = 12$

$n = 9$

3.  $10 = 1 + y$

$y = 9$

4.  $14 = m + 5$

$m = 9$

5.  $5 = z + 4$

$z = 1$

6.  $c + 6 = 11$

$c = 5$

7.  $v + 1 = 5$

$v = 4$

8.  $10 = 3 + w$

$w = 7$

9.  $15 = 7 + f$

$f = 8$

10.  $10 = 1 + s$

$s = 9$

11.  $11 = t + 9$

$t = 2$

12.  $17 = d + 8$

$d = 9$

13.  $10 = a + 1$

$a = 9$

14.  $6 + x = 15$

$x = 9$

15.  $9 = 3 + r$

$r = 6$

16.  $2 + b = 3$

$b = 1$

17.  $9 = 6 + h$

$h = 3$

18.  $3 = 2 + g$

$g = 1$

19.  $15 = 6 + j$

$j = 9$

20.  $10 = k + 3$

$k = 7$

## Solving Simple Linear Equations (F)

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

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

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

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

1.  $j + 8 = 13$

2.  $5 = s + 4$

3.  $15 = b + 8$

4.  $f + 7 = 15$

5.  $t + 3 = 5$

6.  $13 = r + 7$

7.  $7 + p = 14$

8.  $3 = n + 1$

9.  $c + 9 = 12$

10.  $8 + m = 13$

11.  $8 + k = 14$

12.  $1 + w = 8$

13.  $6 = h + 5$

14.  $7 = y + 5$

15.  $10 = d + 1$

16.  $6 + z = 14$

17.  $g + 4 = 11$

18.  $7 = a + 6$

19.  $13 = x + 5$

20.  $17 = v + 9$

## Solving Simple Linear Equations (F) Answers

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

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

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

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

1.  $j + 8 = 13$

$j = 5$

2.  $5 = s + 4$

$s = 1$

3.  $15 = b + 8$

$b = 7$

4.  $f + 7 = 15$

$f = 8$

5.  $t + 3 = 5$

$t = 2$

6.  $13 = r + 7$

$r = 6$

7.  $7 + p = 14$

$p = 7$

8.  $3 = n + 1$

$n = 2$

9.  $c + 9 = 12$

$c = 3$

10.  $8 + m = 13$

$m = 5$

11.  $8 + k = 14$

$k = 6$

12.  $1 + w = 8$

$w = 7$

13.  $6 = h + 5$

$h = 1$

14.  $7 = y + 5$

$y = 2$

15.  $10 = d + 1$

$d = 9$

16.  $6 + z = 14$

$z = 8$

17.  $g + 4 = 11$

$g = 7$

18.  $7 = a + 6$

$a = 1$

19.  $13 = x + 5$

$x = 8$

20.  $17 = v + 9$

$v = 8$

## Solving Simple Linear Equations (G)

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

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

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

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

1.  $7 + x = 13$

2.  $3 = 1 + b$

3.  $8 + r = 15$

4.  $m + 6 = 8$

5.  $11 = s + 3$

6.  $6 + f = 7$

7.  $14 = p + 6$

8.  $7 = 1 + t$

9.  $13 = 6 + c$

10.  $9 = a + 5$

11.  $10 = z + 9$

12.  $16 = h + 7$

13.  $n + 2 = 8$

14.  $d + 5 = 6$

15.  $13 = j + 4$

16.  $9 = k + 1$

17.  $11 = g + 9$

18.  $11 = 3 + y$

19.  $7 + v = 16$

20.  $9 = 2 + w$

# Solving Simple Linear Equations (G) Answers

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

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

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

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

1.  $7 + x = 13$

$x = 6$

2.  $3 = 1 + b$

$b = 2$

3.  $8 + r = 15$

$r = 7$

4.  $m + 6 = 8$

$m = 2$

5.  $11 = s + 3$

$s = 8$

6.  $6 + f = 7$

$f = 1$

7.  $14 = p + 6$

$p = 8$

8.  $7 = 1 + t$

$t = 6$

9.  $13 = 6 + c$

$c = 7$

10.  $9 = a + 5$

$a = 4$

11.  $10 = z + 9$

$z = 1$

12.  $16 = h + 7$

$h = 9$

13.  $n + 2 = 8$

$n = 6$

14.  $d + 5 = 6$

$d = 1$

15.  $13 = j + 4$

$j = 9$

16.  $9 = k + 1$

$k = 8$

17.  $11 = g + 9$

$g = 2$

18.  $11 = 3 + y$

$y = 8$

19.  $7 + v = 16$

$v = 9$

20.  $9 = 2 + w$

$w = 7$

## Solving Simple Linear Equations (H)

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

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

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

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

1.  $2 + a = 9$

2.  $j + 7 = 8$

3.  $m + 4 = 13$

4.  $7 + y = 12$

5.  $4 + d = 9$

6.  $15 = p + 8$

7.  $h + 7 = 14$

8.  $13 = g + 8$

9.  $9 + c = 13$

10.  $6 = 5 + b$

11.  $7 = z + 2$

12.  $10 = f + 9$

13.  $16 = 8 + v$

14.  $16 = 9 + k$

15.  $3 = t + 2$

16.  $9 = s + 4$

17.  $n + 4 = 7$

18.  $2 + r = 7$

19.  $3 = w + 1$

20.  $10 = x + 1$

## Solving Simple Linear Equations (H) Answers

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

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

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

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

1.  $2 + a = 9$

$a = 7$

2.  $j + 7 = 8$

$j = 1$

3.  $m + 4 = 13$

$m = 9$

4.  $7 + y = 12$

$y = 5$

5.  $4 + d = 9$

$d = 5$

6.  $15 = p + 8$

$p = 7$

7.  $h + 7 = 14$

$h = 7$

8.  $13 = g + 8$

$g = 5$

9.  $9 + c = 13$

$c = 4$

10.  $6 = 5 + b$

$b = 1$

11.  $7 = z + 2$

$z = 5$

12.  $10 = f + 9$

$f = 1$

13.  $16 = 8 + v$

$v = 8$

14.  $16 = 9 + k$

$k = 7$

15.  $3 = t + 2$

$t = 1$

16.  $9 = s + 4$

$s = 5$

17.  $n + 4 = 7$

$n = 3$

18.  $2 + r = 7$

$r = 5$

19.  $3 = w + 1$

$w = 2$

20.  $10 = x + 1$

$x = 9$



# Solving Simple Linear Equations (I)

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

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

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

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

1.  $5 + s = 10$

2.  $1 + p = 6$

3.  $13 = w + 5$

4.  $6 + k = 10$

5.  $2 + t = 10$

6.  $8 + f = 15$

7.  $14 = 8 + y$

8.  $9 = 3 + n$

9.  $6 = 3 + j$

10.  $15 = r + 6$

11.  $x + 9 = 13$

12.  $8 + d = 17$

13.  $8 = v + 1$

14.  $g + 3 = 7$

15.  $3 + a = 8$

16.  $6 + b = 8$

17.  $7 = h + 2$

18.  $17 = c + 8$

19.  $m + 2 = 5$

20.  $z + 6 = 13$

# Solving Simple Linear Equations (I) Answers

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

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

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

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

1.  $5 + s = 10$

$s = 5$

2.  $1 + p = 6$

$p = 5$

3.  $13 = w + 5$

$w = 8$

4.  $6 + k = 10$

$k = 4$

5.  $2 + t = 10$

$t = 8$

6.  $8 + f = 15$

$f = 7$

7.  $14 = 8 + y$

$y = 6$

8.  $9 = 3 + n$

$n = 6$

9.  $6 = 3 + j$

$j = 3$

10.  $15 = r + 6$

$r = 9$

11.  $x + 9 = 13$

$x = 4$

12.  $8 + d = 17$

$d = 9$

13.  $8 = v + 1$

$v = 7$

14.  $g + 3 = 7$

$g = 4$

15.  $3 + a = 8$

$a = 5$

16.  $6 + b = 8$

$b = 2$

17.  $7 = h + 2$

$h = 5$

18.  $17 = c + 8$

$c = 9$

19.  $m + 2 = 5$

$m = 3$

20.  $z + 6 = 13$

$z = 7$

## Solving Simple Linear Equations (J)

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

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

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

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

1.  $14 = y + 9$

2.  $z + 4 = 12$

3.  $9 = 5 + d$

4.  $7 = f + 5$

5.  $k + 4 = 8$

6.  $15 = 8 + x$

7.  $v + 3 = 12$

8.  $8 = 3 + t$

9.  $8 + m = 14$

10.  $9 + j = 14$

11.  $11 = n + 6$

12.  $6 + a = 15$

13.  $8 + s = 9$

14.  $6 = c + 1$

15.  $h + 8 = 12$

16.  $r + 7 = 10$

17.  $g + 2 = 3$

18.  $10 = 5 + b$

19.  $w + 6 = 11$

20.  $7 + p = 10$

# Solving Simple Linear Equations (J) Answers

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

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

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

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

1.  $14 = y + 9$

$y = 5$

2.  $z + 4 = 12$

$z = 8$

3.  $9 = 5 + d$

$d = 4$

4.  $7 = f + 5$

$f = 2$

5.  $k + 4 = 8$

$k = 4$

6.  $15 = 8 + x$

$x = 7$

7.  $v + 3 = 12$

$v = 9$

8.  $8 = 3 + t$

$t = 5$

9.  $8 + m = 14$

$m = 6$

10.  $9 + j = 14$

$j = 5$

11.  $11 = n + 6$

$n = 5$

12.  $6 + a = 15$

$a = 9$

13.  $8 + s = 9$

$s = 1$

14.  $6 = c + 1$

$c = 5$

15.  $h + 8 = 12$

$h = 4$

16.  $r + 7 = 10$

$r = 3$

17.  $g + 2 = 3$

$g = 1$

18.  $10 = 5 + b$

$b = 5$

19.  $w + 6 = 11$

$w = 5$

20.  $7 + p = 10$

$p = 3$