

## Solving Simple Linear Equations (A)

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

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

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

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

1.  $24 = 12 \times m$

2.  $72 \div w = 8$

3.  $340 = 17 \times x$

4.  $16 = c + 5$

5.  $14 + h = 15$

6.  $15 = j + 14$

7.  $8 = s \div 10$

8.  $12 = n \div 4$

9.  $13 + y = 32$

10.  $a + 17 = 19$

11.  $90 \div b = 5$

12.  $33 - f = 16$

13.  $28 - v = 15$

14.  $25 = 17 + r$

15.  $48 = 8 \times t$

16.  $z \times 1 = 17$

17.  $5 = 11 - p$

18.  $16 = 28 - g$

19.  $3 = 15 - d$

20.  $7 = 14 - k$

## Solving Simple Linear Equations (A) Answers

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

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

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

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

1.  $24 = 12 \times m$

$m = 2$

2.  $72 \div w = 8$

$w = 9$

3.  $340 = 17 \times x$

$x = 20$

4.  $16 = c + 5$

$c = 11$

5.  $14 + h = 15$

$h = 1$

6.  $15 = j + 14$

$j = 1$

7.  $8 = s \div 10$

$s = 80$

8.  $12 = n \div 4$

$n = 48$

9.  $13 + y = 32$

$y = 19$

10.  $a + 17 = 19$

$a = 2$

11.  $90 \div b = 5$

$b = 18$

12.  $33 - f = 16$

$f = 17$

13.  $28 - v = 15$

$v = 13$

14.  $25 = 17 + r$

$r = 8$

15.  $48 = 8 \times t$

$t = 6$

16.  $z \times 1 = 17$

$z = 17$

17.  $5 = 11 - p$

$p = 6$

18.  $16 = 28 - g$

$g = 12$

19.  $3 = 15 - d$

$d = 12$

20.  $7 = 14 - k$

$k = 7$

## Solving Simple Linear Equations (B)

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

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

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

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

1.  $27 - x = 19$

2.  $15 \times m = 210$

3.  $19 = n \div 6$

4.  $10 \times w = 130$

5.  $156 \div z = 13$

6.  $g + 16 = 36$

7.  $k \times 14 = 196$

8.  $a \times 14 = 154$

9.  $9 = 23 - j$

10.  $112 = 8 \times p$

11.  $f \div 1 = 19$

12.  $54 = 6 \times d$

13.  $17 \times v = 136$

14.  $36 = c \times 4$

15.  $4 = h \times 1$

16.  $16 = s + 4$

17.  $20 = y - 3$

18.  $156 = r \times 12$

19.  $11 = 1 \times b$

20.  $8 = 20 - t$

## Solving Simple Linear Equations (B) Answers

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

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

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

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

1.  $27 - x = 19$

$x = 8$

2.  $15 \times m = 210$

$m = 14$

3.  $19 = n \div 6$

$n = 114$

4.  $10 \times w = 130$

$w = 13$

5.  $156 \div z = 13$

$z = 12$

6.  $g + 16 = 36$

$g = 20$

7.  $k \times 14 = 196$

$k = 14$

8.  $a \times 14 = 154$

$a = 11$

9.  $9 = 23 - j$

$j = 14$

10.  $112 = 8 \times p$

$p = 14$

11.  $f \div 1 = 19$

$f = 19$

12.  $54 = 6 \times d$

$d = 9$

13.  $17 \times v = 136$

$v = 8$

14.  $36 = c \times 4$

$c = 9$

15.  $4 = h \times 1$

$h = 4$

16.  $16 = s + 4$

$s = 12$

17.  $20 = y - 3$

$y = 23$

18.  $156 = r \times 12$

$r = 13$

19.  $11 = 1 \times b$

$b = 11$

20.  $8 = 20 - t$

$t = 12$

## Solving Simple Linear Equations (C)

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

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

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

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

1.  $9 + x = 19$

2.  $26 = s + 13$

3.  $18 = 9 + j$

4.  $h \div 8 = 9$

5.  $r - 14 = 19$

6.  $w - 17 = 15$

7.  $d \div 10 = 13$

8.  $k \times 16 = 320$

9.  $13 = g \div 15$

10.  $v - 1 = 17$

11.  $b \times 8 = 104$

12.  $20 - m = 14$

13.  $z \div 18 = 6$

14.  $18 = 1 \times n$

15.  $p + 10 = 19$

16.  $t + 16 = 35$

17.  $21 - f = 7$

18.  $c \times 15 = 165$

19.  $5 + a = 9$

20.  $19 = 190 \div y$

## Solving Simple Linear Equations (C) Answers

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

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

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

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

1.  $9 + x = 19$

$x = 10$

2.  $26 = s + 13$

$s = 13$

3.  $18 = 9 + j$

$j = 9$

4.  $h \div 8 = 9$

$h = 72$

5.  $r - 14 = 19$

$r = 33$

6.  $w - 17 = 15$

$w = 32$

7.  $d \div 10 = 13$

$d = 130$

8.  $k \times 16 = 320$

$k = 20$

9.  $13 = g \div 15$

$g = 195$

10.  $v - 1 = 17$

$v = 18$

11.  $b \times 8 = 104$

$b = 13$

12.  $20 - m = 14$

$m = 6$

13.  $z \div 18 = 6$

$z = 108$

14.  $18 = 1 \times n$

$n = 18$

15.  $p + 10 = 19$

$p = 9$

16.  $t + 16 = 35$

$t = 19$

17.  $21 - f = 7$

$f = 14$

18.  $c \times 15 = 165$

$c = 11$

19.  $5 + a = 9$

$a = 4$

20.  $19 = 190 \div y$

$y = 10$

## Solving Simple Linear Equations (D)

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

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

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

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

1.  $4 \times t = 64$

2.  $y - 15 = 15$

3.  $18 \times h = 90$

4.  $25 = 8 + j$

5.  $28 - r = 20$

6.  $7 = 49 \div z$

7.  $20 = x - 9$

8.  $d + 2 = 16$

9.  $12 = 25 - m$

10.  $20 - c = 2$

11.  $8 = n \times 4$

12.  $3 = 3 \div p$

13.  $22 = 8 + b$

14.  $17 - v = 8$

15.  $13 \times w = 26$

16.  $19 = k - 14$

17.  $14 \times g = 196$

18.  $247 = a \times 13$

19.  $17 = s + 1$

20.  $f + 17 = 18$

## Solving Simple Linear Equations (D) Answers

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

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

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

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

1.  $4 \times t = 64$

$t = 16$

2.  $y - 15 = 15$

$y = 30$

3.  $18 \times h = 90$

$h = 5$

4.  $25 = 8 + j$

$j = 17$

5.  $28 - r = 20$

$r = 8$

6.  $7 = 49 \div z$

$z = 7$

7.  $20 = x - 9$

$x = 29$

8.  $d + 2 = 16$

$d = 14$

9.  $12 = 25 - m$

$m = 13$

10.  $20 - c = 2$

$c = 18$

11.  $8 = n \times 4$

$n = 2$

12.  $3 = 3 \div p$

$p = 1$

13.  $22 = 8 + b$

$b = 14$

14.  $17 - v = 8$

$v = 9$

15.  $13 \times w = 26$

$w = 2$

16.  $19 = k - 14$

$k = 33$

17.  $14 \times g = 196$

$g = 14$

18.  $247 = a \times 13$

$a = 19$

19.  $17 = s + 1$

$s = 16$

20.  $f + 17 = 18$

$f = 1$



## Solving Simple Linear Equations (E)

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

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

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

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

1.  $j + 11 = 25$

2.  $6 = r + 1$

3.  $5 \times w = 10$

4.  $18 = p \div 1$

5.  $12 = g \div 17$

6.  $15 = 24 - a$

7.  $13 = m \div 16$

8.  $1 = c \div 14$

9.  $4 = 15 - n$

10.  $304 = 19 \times k$

11.  $36 - b = 17$

12.  $5 \times f = 25$

13.  $8 = 11 - d$

14.  $120 \div z = 6$

15.  $t \div 16 = 19$

16.  $105 \div h = 15$

17.  $30 = 17 + s$

18.  $36 = v + 17$

19.  $11 \times x = 176$

20.  $23 = 13 + y$

## Solving Simple Linear Equations (E) Answers

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

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

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

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

1.  $j + 11 = 25$

$j = 14$

2.  $6 = r + 1$

$r = 5$

3.  $5 \times w = 10$

$w = 2$

4.  $18 = p \div 1$

$p = 18$

5.  $12 = g \div 17$

$g = 204$

6.  $15 = 24 - a$

$a = 9$

7.  $13 = m \div 16$

$m = 208$

8.  $1 = c \div 14$

$c = 14$

9.  $4 = 15 - n$

$n = 11$

10.  $304 = 19 \times k$

$k = 16$

11.  $36 - b = 17$

$b = 19$

12.  $5 \times f = 25$

$f = 5$

13.  $8 = 11 - d$

$d = 3$

14.  $120 \div z = 6$

$z = 20$

15.  $t \div 16 = 19$

$t = 304$

16.  $105 \div h = 15$

$h = 7$

17.  $30 = 17 + s$

$s = 13$

18.  $36 = v + 17$

$v = 19$

19.  $11 \times x = 176$

$x = 16$

20.  $23 = 13 + y$

$y = 10$

## Solving Simple Linear Equations (F)

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

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

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

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

1.  $x \div 4 = 2$

2.  $11 = 23 - f$

3.  $27 - y = 8$

4.  $7 \times z = 63$

5.  $18 = d + 6$

6.  $w + 18 = 29$

7.  $b \div 4 = 7$

8.  $s + 16 = 21$

9.  $8 = r \div 12$

10.  $9 = 180 \div c$

11.  $3 = 14 - j$

12.  $180 = 10 \times g$

13.  $13 = n - 1$

14.  $p - 14 = 2$

15.  $16 \div v = 2$

16.  $18 = 3 + k$

17.  $16 = h - 1$

18.  $28 = m + 18$

19.  $17 + a = 29$

20.  $3 \times t = 60$

## Solving Simple Linear Equations (F) Answers

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

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

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

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

1.  $x \div 4 = 2$

$x = 8$

2.  $11 = 23 - f$

$f = 12$

3.  $27 - y = 8$

$y = 19$

4.  $7 \times z = 63$

$z = 9$

5.  $18 = d + 6$

$d = 12$

6.  $w + 18 = 29$

$w = 11$

7.  $b \div 4 = 7$

$b = 28$

8.  $s + 16 = 21$

$s = 5$

9.  $8 = r \div 12$

$r = 96$

10.  $9 = 180 \div c$

$c = 20$

11.  $3 = 14 - j$

$j = 11$

12.  $180 = 10 \times g$

$g = 18$

13.  $13 = n - 1$

$n = 14$

14.  $p - 14 = 2$

$p = 16$

15.  $16 \div v = 2$

$v = 8$

16.  $18 = 3 + k$

$k = 15$

17.  $16 = h - 1$

$h = 17$

18.  $28 = m + 18$

$m = 10$

19.  $17 + a = 29$

$a = 12$

20.  $3 \times t = 60$

$t = 20$

## Solving Simple Linear Equations (G)

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

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

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

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

1.  $200 = w \times 10$

2.  $28 = h + 20$

3.  $10 = 70 \div b$

4.  $18 - v = 2$

5.  $j \div 10 = 1$

6.  $195 \div r = 13$

7.  $7 \times s = 7$

8.  $g - 19 = 14$

9.  $16 + c = 20$

10.  $36 = t \times 18$

11.  $4 \times z = 56$

12.  $x - 17 = 7$

13.  $18 = a \div 2$

14.  $4 = 9 - n$

15.  $21 = p + 1$

16.  $4 \div d = 2$

17.  $17 = k \div 11$

18.  $323 \div f = 17$

19.  $8 = y - 10$

20.  $31 = m + 12$

# Solving Simple Linear Equations (G) Answers

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

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

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

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

1.  $200 = w \times 10$

$w = 20$

2.  $28 = h + 20$

$h = 8$

3.  $10 = 70 \div b$

$b = 7$

4.  $18 - v = 2$

$v = 16$

5.  $j \div 10 = 1$

$j = 10$

6.  $195 \div r = 13$

$r = 15$

7.  $7 \times s = 7$

$s = 1$

8.  $g - 19 = 14$

$g = 33$

9.  $16 + c = 20$

$c = 4$

10.  $36 = t \times 18$

$t = 2$

11.  $4 \times z = 56$

$z = 14$

12.  $x - 17 = 7$

$x = 24$

13.  $18 = a \div 2$

$a = 36$

14.  $4 = 9 - n$

$n = 5$

15.  $21 = p + 1$

$p = 20$

16.  $4 \div d = 2$

$d = 2$

17.  $17 = k \div 11$

$k = 187$

18.  $323 \div f = 17$

$f = 19$

19.  $8 = y - 10$

$y = 18$

20.  $31 = m + 12$

$m = 19$

## Solving Simple Linear Equations (H)

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

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

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

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

1.  $21 = d + 4$

2.  $13 = a + 9$

3.  $12 \div t = 6$

4.  $64 \div s = 4$

5.  $b \div 5 = 18$

6.  $v - 9 = 3$

7.  $15 = 15 \div j$

8.  $1 + f = 3$

9.  $38 \div c = 2$

10.  $15 \times r = 60$

11.  $15 = h + 5$

12.  $z + 1 = 17$

13.  $17 \times m = 68$

14.  $19 = 9 + x$

15.  $108 = 18 \times y$

16.  $10 = k \div 2$

17.  $17 = 16 + w$

18.  $g - 20 = 18$

19.  $15 + n = 24$

20.  $19 = 304 \div p$

# Solving Simple Linear Equations (H) Answers

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

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

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

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

1.  $21 = d + 4$

$d = 17$

2.  $13 = a + 9$

$a = 4$

3.  $12 \div t = 6$

$t = 2$

4.  $64 \div s = 4$

$s = 16$

5.  $b \div 5 = 18$

$b = 90$

6.  $v - 9 = 3$

$v = 12$

7.  $15 = 15 \div j$

$j = 1$

8.  $1 + f = 3$

$f = 2$

9.  $38 \div c = 2$

$c = 19$

10.  $15 \times r = 60$

$r = 4$

11.  $15 = h + 5$

$h = 10$

12.  $z + 1 = 17$

$z = 16$

13.  $17 \times m = 68$

$m = 4$

14.  $19 = 9 + x$

$x = 10$

15.  $108 = 18 \times y$

$y = 6$

16.  $10 = k \div 2$

$k = 20$

17.  $17 = 16 + w$

$w = 1$

18.  $g - 20 = 18$

$g = 38$

19.  $15 + n = 24$

$n = 9$

20.  $19 = 304 \div p$

$p = 16$



## Solving Simple Linear Equations (I)

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

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

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

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

1.  $6 = g \div 17$

2.  $12 = 144 \div h$

3.  $1 = c \div 8$

4.  $24 = z + 20$

5.  $105 = r \times 7$

6.  $14 = 23 - m$

7.  $w \times 2 = 30$

8.  $6 = f \div 9$

9.  $15 \div a = 1$

10.  $19 = k \times 19$

11.  $7 + d = 12$

12.  $10 = 1 \times x$

13.  $22 - n = 16$

14.  $13 \times t = 169$

15.  $y + 5 = 6$

16.  $14 = 33 - s$

17.  $7 \div j = 1$

18.  $11 = 15 - p$

19.  $150 = 10 \times b$

20.  $v - 12 = 7$

## Solving Simple Linear Equations (I) Answers

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

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

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

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

1.  $6 = g \div 17$   
 $g = 102$

2.  $12 = 144 \div h$   
 $h = 12$

3.  $1 = c \div 8$   
 $c = 8$

4.  $24 = z + 20$   
 $z = 4$

5.  $105 = r \times 7$   
 $r = 15$

6.  $14 = 23 - m$   
 $m = 9$

7.  $w \times 2 = 30$   
 $w = 15$

8.  $6 = f \div 9$   
 $f = 54$

9.  $15 \div a = 1$   
 $a = 15$

10.  $19 = k \times 19$   
 $k = 1$

11.  $7 + d = 12$   
 $d = 5$

12.  $10 = 1 \times x$   
 $x = 10$

13.  $22 - n = 16$   
 $n = 6$

14.  $13 \times t = 169$   
 $t = 13$

15.  $y + 5 = 6$   
 $y = 1$

16.  $14 = 33 - s$   
 $s = 19$

17.  $7 \div j = 1$   
 $j = 7$

18.  $11 = 15 - p$   
 $p = 4$

19.  $150 = 10 \times b$   
 $b = 15$

20.  $v - 12 = 7$   
 $v = 19$

## Solving Simple Linear Equations (J)

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

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

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

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

1.  $13 + x = 29$

2.  $154 \div a = 11$

3.  $1 = 2 \div k$

4.  $n + 12 = 25$

5.  $26 = 13 + w$

6.  $16 + d = 35$

7.  $20 = j - 4$

8.  $13 - p = 11$

9.  $f \div 4 = 3$

10.  $h \div 18 = 7$

11.  $9 = t - 11$

12.  $24 = z + 16$

13.  $14 = y + 8$

14.  $15 = 7 + g$

15.  $165 = v \times 15$

16.  $14 = 210 \div b$

17.  $19 = r + 18$

18.  $7 = 126 \div s$

19.  $20 \div c = 1$

20.  $3 = 14 - m$

## Solving Simple Linear Equations (J) Answers

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

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

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

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

1.  $13 + x = 29$

$x = 16$

2.  $154 \div a = 11$

$a = 14$

3.  $1 = 2 \div k$

$k = 2$

4.  $n + 12 = 25$

$n = 13$

5.  $26 = 13 + w$

$w = 13$

6.  $16 + d = 35$

$d = 19$

7.  $20 = j - 4$

$j = 24$

8.  $13 - p = 11$

$p = 2$

9.  $f \div 4 = 3$

$f = 12$

10.  $h \div 18 = 7$

$h = 126$

11.  $9 = t - 11$

$t = 20$

12.  $24 = z + 16$

$z = 8$

13.  $14 = y + 8$

$y = 6$

14.  $15 = 7 + g$

$g = 8$

15.  $165 = v \times 15$

$v = 11$

16.  $14 = 210 \div b$

$b = 15$

17.  $19 = r + 18$

$r = 1$

18.  $7 = 126 \div s$

$s = 18$

19.  $20 \div c = 1$

$c = 20$

20.  $3 = 14 - m$

$m = 11$