

# Solving Simple Equations (A)

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

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

Determine the value of each unknown.

1.  $0 = o + -8$

2.  $t + -4 = -11$

3.  $f + -9 = -3$

4.  $-7 = 0 - m$

5.  $d + 9 = 12$

6.  $-4 - w = -8$

7.  $-9 = y + -7$

8.  $-3 = z + 1$

9.  $v + -8 = -15$

10.  $1 - b = 0$

11.  $-6 = 2 - j$

12.  $3 = -1 - l$

13.  $-3 = h + 0$

14.  $7 - r = 9$

15.  $8 = e + 3$

16.  $k + 9 = 15$

17.  $q + 4 = 7$

18.  $-5 = i + -4$

19.  $-1 = n + 6$

20.  $p + -1 = -1$

# Solving Simple Equations (A) Answers

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

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

Determine the value of each unknown.

1.  $0 = o + -8$

$o = 8$

2.  $t + -4 = -11$

$t = -7$

3.  $f + -9 = -3$

$f = 6$

4.  $-7 = 0 - m$

$m = 7$

5.  $d + 9 = 12$

$d = 3$

6.  $-4 - w = -8$

$w = 4$

7.  $-9 = y + -7$

$y = -2$

8.  $-3 = z + 1$

$z = -4$

9.  $v + -8 = -15$

$v = -7$

10.  $1 - b = 0$

$b = 1$

11.  $-6 = 2 - j$

$j = 8$

12.  $3 = -1 - l$

$l = -4$

13.  $-3 = h + 0$

$h = -3$

14.  $7 - r = 9$

$r = -2$

15.  $8 = e + 3$

$e = 5$

16.  $k + 9 = 15$

$k = 6$

17.  $q + 4 = 7$

$q = 3$

18.  $-5 = i + -4$

$i = -1$

19.  $-1 = n + 6$

$n = -7$

20.  $p + -1 = -1$

$p = 0$

## Solving Simple Equations (B)

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

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

Determine the value of each unknown.

1.  $-10 = e + -6$

2.  $12 - a = 6$

3.  $l + 4 = 12$

4.  $1 = -5 - t$

5.  $-7 = -6 - u$

6.  $o + -6 = -12$

7.  $-6 - i = -3$

8.  $c + -3 = 3$

9.  $3 - w = -6$

10.  $-7 - v = 1$

11.  $1 = -5 - j$

12.  $-2 - f = 2$

13.  $5 = g + 0$

14.  $-10 - y = -6$

15.  $k + 7 = 9$

16.  $11 = m + 4$

17.  $-7 = -5 - r$

18.  $5 = 10 - z$

19.  $x + -6 = -9$

20.  $6 - n = 0$

# Solving Simple Equations (B) Answers

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

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

Determine the value of each unknown.

1.  $-10 = e + -6$

$e = -4$

2.  $12 - a = 6$

$a = 6$

3.  $l + 4 = 12$

$l = 8$

4.  $1 = -5 - t$

$t = -6$

5.  $-7 = -6 - u$

$u = 1$

6.  $o + -6 = -12$

$o = -6$

7.  $-6 - i = -3$

$i = -3$

8.  $c + -3 = 3$

$c = 6$

9.  $3 - w = -6$

$w = 9$

10.  $-7 - v = 1$

$v = -8$

11.  $1 = -5 - j$

$j = -6$

12.  $-2 - f = 2$

$f = -4$

13.  $5 = g + 0$

$g = 5$

14.  $-10 - y = -6$

$y = -4$

15.  $k + 7 = 9$

$k = 2$

16.  $11 = m + 4$

$m = 7$

17.  $-7 = -5 - r$

$r = 2$

18.  $5 = 10 - z$

$z = 5$

19.  $x + -6 = -9$

$x = -3$

20.  $6 - n = 0$

$n = 6$

# Solving Simple Equations (C)

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

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

Determine the value of each unknown.

1.  $-4 = -12 - i$

2.  $m + -3 = 2$

3.  $8 - g = 2$

4.  $e + -2 = -7$

5.  $1 - z = 2$

6.  $1 = 1 - y$

7.  $-3 = s + 0$

8.  $9 = 9 - w$

9.  $13 - l = 9$

10.  $4 = p + 1$

11.  $2 = -6 - x$

12.  $0 = -5 - r$

13.  $-9 = -7 - v$

14.  $a + 4 = 12$

15.  $h + -7 = 1$

16.  $1 - u = -4$

17.  $6 - j = 6$

18.  $-4 = k + -5$

19.  $-5 - q = -5$

20.  $-6 = o + 2$

# Solving Simple Equations (C) Answers

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

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

Determine the value of each unknown.

1.  $-4 = -12 - i$

$i = -8$

2.  $m + -3 = 2$

$m = 5$

3.  $8 - g = 2$

$g = 6$

4.  $e + -2 = -7$

$e = -5$

5.  $1 - z = 2$

$z = -1$

6.  $1 = 1 - y$

$y = 0$

7.  $-3 = s + 0$

$s = -3$

8.  $9 = 9 - w$

$w = 0$

9.  $13 - l = 9$

$l = 4$

10.  $4 = p + 1$

$p = 3$

11.  $2 = -6 - x$

$x = -8$

12.  $0 = -5 - r$

$r = -5$

13.  $-9 = -7 - v$

$v = 2$

14.  $a + 4 = 12$

$a = 8$

15.  $h + -7 = 1$

$h = 8$

16.  $1 - u = -4$

$u = 5$

17.  $6 - j = 6$

$j = 0$

18.  $-4 = k + -5$

$k = 1$

19.  $-5 - q = -5$

$q = 0$

20.  $-6 = o + 2$

$o = -8$

# Solving Simple Equations (D)

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

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

Determine the value of each unknown.

1.  $3 = k + -1$

2.  $-6 = e + 3$

3.  $p + 1 = 7$

4.  $1 = 8 - v$

5.  $-6 = -6 - a$

6.  $y + -2 = 7$

7.  $-2 = -10 - b$

8.  $-3 - d = 3$

9.  $3 - c = 0$

10.  $-16 - w = -7$

11.  $o + 9 = 10$

12.  $11 = x + 9$

13.  $9 = u + 1$

14.  $0 = 8 - z$

15.  $-1 - m = -1$

16.  $-5 - h = -7$

17.  $7 = 12 - t$

18.  $2 = r + 9$

19.  $-3 - g = -1$

20.  $l + 0 = 4$

# Solving Simple Equations (D) Answers

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

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

Determine the value of each unknown.

1.  $3 = k + -1$

$k = 4$

2.  $-6 = e + 3$

$e = -9$

3.  $p + 1 = 7$

$p = 6$

4.  $1 = 8 - v$

$v = 7$

5.  $-6 = -6 - a$

$a = 0$

6.  $y + -2 = 7$

$y = 9$

7.  $-2 = -10 - b$

$b = -8$

8.  $-3 - d = 3$

$d = -6$

9.  $3 - c = 0$

$c = 3$

10.  $-16 - w = -7$

$w = -9$

11.  $o + 9 = 10$

$o = 1$

12.  $11 = x + 9$

$x = 2$

13.  $9 = u + 1$

$u = 8$

14.  $0 = 8 - z$

$z = 8$

15.  $-1 - m = -1$

$m = 0$

16.  $-5 - h = -7$

$h = 2$

17.  $7 = 12 - t$

$t = 5$

18.  $2 = r + 9$

$r = -7$

19.  $-3 - g = -1$

$g = -2$

20.  $l + 0 = 4$

$l = 4$



# Solving Simple Equations (E)

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

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

Determine the value of each unknown.

1.  $-12 - c = -9$

2.  $v + -5 = -7$

3.  $i + -2 = -9$

4.  $-1 - d = 5$

5.  $5 = r + 8$

6.  $-2 - h = -9$

7.  $1 = 2 - s$

8.  $-2 - a = -6$

9.  $-4 = m + -2$

10.  $-1 = 4 - z$

11.  $4 = q + 3$

12.  $3 = f + -3$

13.  $-7 - o = -1$

14.  $5 - l = -4$

15.  $-11 - t = -9$

16.  $-1 - x = -6$

17.  $-9 = -7 - p$

18.  $4 = 1 - k$

19.  $j + 0 = 3$

20.  $-4 = -10 - w$

# Solving Simple Equations (E) Answers

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

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

Determine the value of each unknown.

1.  $-12 - c = -9$

$c = -3$

2.  $v + -5 = -7$

$v = -2$

3.  $i + -2 = -9$

$i = -7$

4.  $-1 - d = 5$

$d = -6$

5.  $5 = r + 8$

$r = -3$

6.  $-2 - h = -9$

$h = 7$

7.  $1 = 2 - s$

$s = 1$

8.  $-2 - a = -6$

$a = 4$

9.  $-4 = m + -2$

$m = -2$

10.  $-1 = 4 - z$

$z = 5$

11.  $4 = q + 3$

$q = 1$

12.  $3 = f + -3$

$f = 6$

13.  $-7 - o = -1$

$o = -6$

14.  $5 - l = -4$

$l = 9$

15.  $-11 - t = -9$

$t = -2$

16.  $-1 - x = -6$

$x = 5$

17.  $-9 = -7 - p$

$p = 2$

18.  $4 = 1 - k$

$k = -3$

19.  $j + 0 = 3$

$j = 3$

20.  $-4 = -10 - w$

$w = -6$

# Solving Simple Equations (F)

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

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

Determine the value of each unknown.

1.  $8 = 17 - r$

2.  $-9 = n + -3$

3.  $-3 = f + -3$

4.  $6 = o + -1$

5.  $k + 3 = 7$

6.  $3 = d + 6$

7.  $4 - e = 4$

8.  $-2 = -3 - h$

9.  $2 - m = 9$

10.  $11 = b + 3$

11.  $x + 7 = 9$

12.  $-11 - y = -6$

13.  $-3 = -2 - g$

14.  $-7 = p + 1$

15.  $-8 = -6 - j$

16.  $-17 - v = -8$

17.  $i + -9 = -7$

18.  $12 = u + 5$

19.  $-2 - t = 3$

20.  $-3 = a + 0$

# Solving Simple Equations (F) Answers

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

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

Determine the value of each unknown.

1.  $8 = 17 - r$

$r = 9$

2.  $-9 = n + -3$

$n = -6$

3.  $-3 = f + -3$

$f = 0$

4.  $6 = o + -1$

$o = 7$

5.  $k + 3 = 7$

$k = 4$

6.  $3 = d + 6$

$d = -3$

7.  $4 - e = 4$

$e = 0$

8.  $-2 = -3 - h$

$h = -1$

9.  $2 - m = 9$

$m = -7$

10.  $11 = b + 3$

$b = 8$

11.  $x + 7 = 9$

$x = 2$

12.  $-11 - y = -6$

$y = -5$

13.  $-3 = -2 - g$

$g = 1$

14.  $-7 = p + 1$

$p = -8$

15.  $-8 = -6 - j$

$j = 2$

16.  $-17 - v = -8$

$v = -9$

17.  $i + -9 = -7$

$i = 2$

18.  $12 = u + 5$

$u = 7$

19.  $-2 - t = 3$

$t = -5$

20.  $-3 = a + 0$

$a = -3$

# Solving Simple Equations (G)

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

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

Determine the value of each unknown.

1.  $5 = -2 - d$

2.  $-4 = u + 2$

3.  $5 = 10 - n$

4.  $-8 = q + 0$

5.  $-5 = w + -8$

6.  $1 - c = -1$

7.  $3 - f = 3$

8.  $3 = -5 - s$

9.  $0 - e = 5$

10.  $3 = 12 - m$

11.  $-9 = -4 - i$

12.  $-8 = -14 - j$

13.  $-14 - k = -9$

14.  $-3 - l = 5$

15.  $2 = y + 3$

16.  $7 = a + 2$

17.  $-9 = r + -9$

18.  $-5 - p = 2$

19.  $-4 = 4 - v$

20.  $-4 = -10 - b$

# Solving Simple Equations (G) Answers

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

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

Determine the value of each unknown.

1.  $5 = -2 - d$

$d = -7$

2.  $-4 = u + 2$

$u = -6$

3.  $5 = 10 - n$

$n = 5$

4.  $-8 = q + 0$

$q = -8$

5.  $-5 = w + -8$

$w = 3$

6.  $1 - c = -1$

$c = 2$

7.  $3 - f = 3$

$f = 0$

8.  $3 = -5 - s$

$s = -8$

9.  $0 - e = 5$

$e = -5$

10.  $3 = 12 - m$

$m = 9$

11.  $-9 = -4 - i$

$i = 5$

12.  $-8 = -14 - j$

$j = -6$

13.  $-14 - k = -9$

$k = -5$

14.  $-3 - l = 5$

$l = -8$

15.  $2 = y + 3$

$y = -1$

16.  $7 = a + 2$

$a = 5$

17.  $-9 = r + -9$

$r = 0$

18.  $-5 - p = 2$

$p = -7$

19.  $-4 = 4 - v$

$v = 8$

20.  $-4 = -10 - b$

$b = -6$

# Solving Simple Equations (H)

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

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

Determine the value of each unknown.

1.  $-3 = i + 6$

2.  $5 - y = -3$

3.  $-11 - h = -9$

4.  $4 - p = 0$

5.  $-2 = j + 3$

6.  $1 = q + 4$

7.  $v + -5 = -14$

8.  $5 = 1 - n$

9.  $-2 - b = -8$

10.  $e + 6 = 12$

11.  $s + 8 = 14$

12.  $-2 = 7 - f$

13.  $3 = w + 4$

14.  $l + 2 = 9$

15.  $-15 = r + -8$

16.  $2 = u + 1$

17.  $t + 9 = 18$

18.  $9 = a + 2$

19.  $k + 3 = 11$

20.  $x + -4 = -10$

# Solving Simple Equations (H) Answers

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

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

Determine the value of each unknown.

1.  $-3 = i + 6$

$i = -9$

2.  $5 - y = -3$

$y = 8$

3.  $-11 - h = -9$

$h = -2$

4.  $4 - p = 0$

$p = 4$

5.  $-2 = j + 3$

$j = -5$

6.  $1 = q + 4$

$q = -3$

7.  $v + -5 = -14$

$v = -9$

8.  $5 = 1 - n$

$n = -4$

9.  $-2 - b = -8$

$b = 6$

10.  $e + 6 = 12$

$e = 6$

11.  $s + 8 = 14$

$s = 6$

12.  $-2 = 7 - f$

$f = 9$

13.  $3 = w + 4$

$w = -1$

14.  $l + 2 = 9$

$l = 7$

15.  $-15 = r + -8$

$r = -7$

16.  $2 = u + 1$

$u = 1$

17.  $t + 9 = 18$

$t = 9$

18.  $9 = a + 2$

$a = 7$

19.  $k + 3 = 11$

$k = 8$

20.  $x + -4 = -10$

$x = -6$



# Solving Simple Equations (I)

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

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

Determine the value of each unknown.

1.  $-7 - n = -2$

2.  $-2 - t = -9$

3.  $-9 = m + -3$

4.  $0 = -1 - p$

5.  $4 = f + 0$

6.  $-1 = s + -8$

7.  $-8 - g = -3$

8.  $-5 = c + 2$

9.  $i + 7 = -2$

10.  $x + 9 = 3$

11.  $6 = w + 9$

12.  $9 = 18 - u$

13.  $9 - e = 9$

14.  $q + 7 = 13$

15.  $8 = b + 4$

16.  $-9 = j + -1$

17.  $1 = y + -6$

18.  $h + -9 = -10$

19.  $10 = z + 5$

20.  $0 = 4 - a$

# Solving Simple Equations (I) Answers

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

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

Determine the value of each unknown.

1.  $-7 - n = -2$

$n = -5$

2.  $-2 - t = -9$

$t = 7$

3.  $-9 = m + -3$

$m = -6$

4.  $0 = -1 - p$

$p = -1$

5.  $4 = f + 0$

$f = 4$

6.  $-1 = s + -8$

$s = 7$

7.  $-8 - g = -3$

$g = -5$

8.  $-5 = c + 2$

$c = -7$

9.  $i + 7 = -2$

$i = -9$

10.  $x + 9 = 3$

$x = -6$

11.  $6 = w + 9$

$w = -3$

12.  $9 = 18 - u$

$u = 9$

13.  $9 - e = 9$

$e = 0$

14.  $q + 7 = 13$

$q = 6$

15.  $8 = b + 4$

$b = 4$

16.  $-9 = j + -1$

$j = -8$

17.  $1 = y + -6$

$y = 7$

18.  $h + -9 = -10$

$h = -1$

19.  $10 = z + 5$

$z = 5$

20.  $0 = 4 - a$

$a = 4$

# Solving Simple Equations (J)

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

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

Determine the value of each unknown.

1.  $15 - i = 7$

2.  $e + 1 = 5$

3.  $-6 = w + -5$

4.  $-7 = -4 - m$

5.  $6 = 10 - t$

6.  $n + 8 = 16$

7.  $0 - b = 9$

8.  $11 - g = 6$

9.  $0 = 8 - c$

10.  $-5 - r = -2$

11.  $-11 - q = -9$

12.  $-6 = -4 - x$

13.  $s + -5 = -3$

14.  $k + 0 = 9$

15.  $7 = 8 - f$

16.  $-4 = -12 - d$

17.  $-9 - j = -6$

18.  $-1 = 4 - l$

19.  $8 = 3 - o$

20.  $1 = 5 - y$

# Solving Simple Equations (J) Answers

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

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

Determine the value of each unknown.

1.  $15 - i = 7$

$i = 8$

2.  $e + 1 = 5$

$e = 4$

3.  $-6 = w + -5$

$w = -1$

4.  $-7 = -4 - m$

$m = 3$

5.  $6 = 10 - t$

$t = 4$

6.  $n + 8 = 16$

$n = 8$

7.  $0 - b = 9$

$b = -9$

8.  $11 - g = 6$

$g = 5$

9.  $0 = 8 - c$

$c = 8$

10.  $-5 - r = -2$

$r = -3$

11.  $-11 - q = -9$

$q = -2$

12.  $-6 = -4 - x$

$x = 2$

13.  $s + -5 = -3$

$s = 2$

14.  $k + 0 = 9$

$k = 9$

15.  $7 = 8 - f$

$f = 1$

16.  $-4 = -12 - d$

$d = -8$

17.  $-9 - j = -6$

$j = -3$

18.  $-1 = 4 - l$

$l = 5$

19.  $8 = 3 - o$

$o = -5$

20.  $1 = 5 - y$

$y = 4$