Solving Simple Linear Equations (A)

Name: _____ Date: _____ Score: _____

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

1. $x + 7 = 14$
2. $12 + 8 = d$
3. $k = 7 + 10$
4. $9 + y = 14$
5. $c + 1 = 5$
6. $g + 4 = 14$
7. $w = 0 + 9$
8. $3 = 0 + a$
9. $7 + 4 = s$
10. $19 = z + 12$
11. $3 + f = 11$
12. $4 = 2 + n$
13. $j = 11 + 11$
14. $11 = 7 + v$
15. $p + 9 = 10$
16. $9 + 7 = r$
17. $4 + 6 = t$
18. $7 = 6 + m$
19. $h = 8 + 2$
20. $7 = 1 + b$

Solving Simple Linear Equations (A) Answers

Name: _____ Date: _____ Score: _____

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

1. $x + 7 = 14$
   $x = 7$

2. $12 + 8 = d$
   $d = 20$

3. $k = 7 + 10$
   $k = 17$

4. $9 + y = 14$
   $y = 5$

5. $c + 1 = 5$
   $c = 4$

6. $g + 4 = 14$
   $g = 10$

7. $w = 0 + 9$
   $w = 9$

8. $3 = 0 + a$
   $a = 3$

9. $7 + 4 = s$
   $s = 11$

10. $19 = z + 12$
    $z = 7$

11. $3 + f = 11$
    $f = 8$

12. $4 = 2 + n$
    $n = 2$

13. $j = 11 + 11$
    $j = 22$

14. $11 = 7 + v$
    $v = 4$

15. $p + 9 = 10$
    $p = 1$

16. $9 + 7 = r$
    $r = 16$

17. $4 + 6 = t$
    $t = 10$

18. $7 = 6 + m$
    $m = 1$

19. $h = 8 + 2$
    $h = 10$

20. $7 = 1 + b$
    $b = 6$

Solving Simple Linear Equations (B)

Name: _____ Date: _____ Score: _____

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

1. $9 = t + 9$
2. $13 = 3 + s$
3. $w = 8 + 2$
4. $17 = b + 11$
5. $18 = d + 7$
6. $9 = 3 + r$
7. $10 = x + 3$
8. $9 + 1 = p$
9. $7 = n + 3$
10. $8 + 2 = z$
11. $f + 4 = 6$
12. $v = 7 + 8$
13. $9 + m = 11$
14. $k + 4 = 5$
15. $6 + 7 = y$
16. $11 = g + 5$
17. $h = 6 + 11$
18. $19 = j + 9$
19. $5 + a = 11$
20. $8 + c = 14$

Solving Simple Linear Equations (B) Answers

Name: _____ Date: _____ Score: _____

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

1. $9 = t + 9$
   $t = 0$

2. $13 = 3 + s$
   $s = 10$

3. $w = 8 + 2$
   $w = 10$

4. $17 = b + 11$
   $b = 6$

5. $18 = d + 7$
   $d = 11$

6. $9 = 3 + r$
   $r = 6$

7. $10 = x + 3$
   $x = 7$

8. $9 + 1 = p$
   $p = 10$

9. $7 = n + 3$
   $n = 4$

10. $8 + 2 = z$
    $z = 10$

11. $f + 4 = 6$
    $f = 2$

12. $v = 7 + 8$
    $v = 15$

13. $9 + m = 11$
    $m = 2$

14. $k + 4 = 5$
    $k = 1$

15. $6 + 7 = y$
    $y = 13$

16. $11 = g + 5$
    $g = 6$

17. $h = 6 + 11$
    $h = 17$

18. $19 = j + 9$
    $j = 10$

19. $5 + a = 11$
    $a = 6$

20. $8 + c = 14$
    $c = 6$

Solving Simple Linear Equations (C)

Name: _____ Date: _____ Score: _____

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

1. $w = 11 + 9$
2. $2 + z = 5$
3. $2 = 2 + c$
4. $5 = 1 + a$
5. $b = 7 + 11$
6. $17 = 10 + m$
7. $1 + g = 1$
8. $12 + 2 = f$
9. $2 + 9 = h$
10. $17 = y + 7$
11. $v + 9 = 10$
12. $19 = 12 + x$
13. $2 + j = 6$
14. $14 = 2 + k$
15. $18 = 9 + n$
16. $8 = p + 4$
17. $d + 1 = 9$
18. $12 = 5 + s$
19. $6 = t + 4$
20. $r = 2 + 9$

Solving Simple Linear Equations (C) Answers

Name: _____ Date: _____ Score: _____

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

1. $w = 11 + 9$
   $w = 20$

2. $2 + z = 5$
   $z = 3$

3. $2 = 2 + c$
   $c = 0$

4. $5 = 1 + a$
   $a = 4$

5. $b = 7 + 11$
   $b = 18$

6. $17 = 10 + m$
   $m = 7$

7. $1 + g = 1$
   $g = 0$

8. $12 + 2 = f$
   $f = 14$

9. $2 + 9 = h$
   $h = 11$

10. $17 = y + 7$
    $y = 10$

11. $v + 9 = 10$
    $v = 1$

12. $19 = 12 + x$
    $x = 7$

13. $2 + j = 6$
    $j = 4$

14. $14 = 2 + k$
    $k = 12$

15. $18 = 9 + n$
    $n = 9$

16. $8 = p + 4$
    $p = 4$

17. $d + 1 = 9$
    $d = 8$

18. $12 = 5 + s$
    $s = 7$

19. $6 = t + 4$
    $t = 2$

20. $r = 2 + 9$
    $r = 11$

Solving Simple Linear Equations (D)

Name: _____ Date: _____ Score: _____

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

1. $4 + 2 = x$
2. $12 = 3 + y$
3. $p = 3 + 11$
4. $v = 7 + 10$
5. $11 = 4 + b$
6. $16 = 9 + d$
7. $g + 10 = 21$
8. $7 = 0 + a$
9. $j = 2 + 0$
10. $f = 3 + 12$
11. $6 = t + 0$
12. $11 + n = 23$
13. $c = 0 + 8$
14. $z = 7 + 1$
15. $h + 9 = 15$
16. $2 + r = 10$
17. $5 + 9 = w$
18. $s + 9 = 21$
19. $5 = m + 4$
20. $3 + k = 7$

Solving Simple Linear Equations (D) Answers

Name: _____ Date: _____ Score: _____

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

1. $4 + 2 = x$
   $x = 6$

2. $12 = 3 + y$
   $y = 9$

3. $p = 3 + 11$
   $p = 14$

4. $v = 7 + 10$
   $v = 17$

5. $11 = 4 + b$
   $b = 7$

6. $16 = 9 + d$
   $d = 7$

7. $g + 10 = 21$
   $g = 11$

8. $7 = 0 + a$
   $a = 7$

9. $j = 2 + 0$
   $j = 2$

10. $f = 3 + 12$
    $f = 15$

11. $6 = t + 0$
    $t = 6$

12. $11 + n = 23$
    $n = 12$

13. $c = 0 + 8$
    $c = 8$

14. $z = 7 + 1$
    $z = 8$

15. $h + 9 = 15$
    $h = 6$

16. $2 + r = 10$
    $r = 8$

17. $5 + 9 = w$
    $w = 14$

18. $s + 9 = 21$
    $s = 12$

19. $5 = m + 4$
    $m = 1$

20. $3 + k = 7$
    $k = 4$

Solving Simple Linear Equations (E)

Name: _____ Date: _____ Score: _____

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

1. $19 = 10 + s$
2. $0 + 4 = v$
3. $9 + 3 = w$
4. $0 + 12 = c$
5. $p + 4 = 5$
6. $14 = 10 + f$
7. $10 = j + 7$
8. $8 = b + 2$
9. $12 + y = 17$
10. $8 = 3 + g$
11. $10 + 0 = z$
12. $6 = m + 2$
13. $8 = 6 + r$
14. $14 = t + 11$
15. $k = 4 + 6$
16. $11 = h + 0$
17. $7 = a + 5$
18. $1 + 3 = n$
19. $5 + 12 = x$
20. $d + 0 = 5$

Solving Simple Linear Equations (E) Answers

Name: _____ Date: _____ Score: _____

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

1. $19 = 10 + s$
   $s = 9$

2. $0 + 4 = v$
   $v = 4$

3. $9 + 3 = w$
   $w = 12$

4. $0 + 12 = c$
   $c = 12$

5. $p + 4 = 5$
   $p = 1$

6. $14 = 10 + f$
   $f = 4$

7. $10 = j + 7$
   $j = 3$

8. $8 = b + 2$
   $b = 6$

9. $12 + y = 17$
   $y = 5$

10. $8 = 3 + g$
    $g = 5$

11. $10 + 0 = z$
    $z = 10$

12. $6 = m + 2$
    $m = 4$

13. $8 = 6 + r$
    $r = 2$

14. $14 = t + 11$
    $t = 3$

15. $k = 4 + 6$
    $k = 10$

16. $11 = h + 0$
    $h = 11$

17. $7 = a + 5$
    $a = 2$

18. $1 + 3 = n$
    $n = 4$

19. $5 + 12 = x$
    $x = 17$

20. $d + 0 = 5$
    $d = 5$

Solving Simple Linear Equations (F)

Name: _____ Date: _____ Score: _____

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

1. $9 + 7 = p$
2. $6 + 0 = h$
3. $4 = m + 1$
4. $10 + r = 18$
5. $10 + 10 = g$
6. $d + 1 = 9$
7. $11 + 3 = k$
8. $y = 3 + 8$
9. $j = 7 + 6$
10. $13 = b + 7$
11. $5 + 6 = t$
12. $w = 10 + 6$
13. $s + 12 = 16$
14. $0 + 8 = v$
15. $c = 2 + 7$
16. $13 = 9 + z$
17. $0 + 2 = a$
18. $n + 10 = 16$
19. $15 = 9 + f$
20. $x + 11 = 23$

Solving Simple Linear Equations (F) Answers

Name: _____ Date: _____ Score: _____

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

1. $9 + 7 = p$
   $p = 16$

2. $6 + 0 = h$
   $h = 6$

3. $4 = m + 1$
   $m = 3$

4. $10 + r = 18$
   $r = 8$

5. $10 + 10 = g$
   $g = 20$

6. $d + 1 = 9$
   $d = 8$

7. $11 + 3 = k$
   $k = 14$

8. $y = 3 + 8$
   $y = 11$

9. $j = 7 + 6$
   $j = 13$

10. $13 = b + 7$
    $b = 6$

11. $5 + 6 = t$
    $t = 11$

12. $w = 10 + 6$
    $w = 16$

13. $s + 12 = 16$
    $s = 4$

14. $0 + 8 = v$
    $v = 8$

15. $c = 2 + 7$
    $c = 9$

16. $13 = 9 + z$
    $z = 4$

17. $0 + 2 = a$
    $a = 2$

18. $n + 10 = 16$
    $n = 6$

19. $15 = 9 + f$
    $f = 6$

20. $x + 11 = 23$
    $x = 12$

Solving Simple Linear Equations (G)

Name: _____ Date: _____ Score: _____

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

1. $17 = k + 9$
2. $12 = 12 + f$
3. $4 + 5 = m$
4. $c + 5 = 15$
5. $11 = 3 + z$
6. $11 = h + 10$
7. $r + 10 = 11$
8. $12 + 11 = n$
9. $12 + 10 = a$
10. $9 = 0 + d$
11. $8 + 2 = w$
12. $16 = 6 + y$
13. $t = 1 + 7$
14. $15 = 9 + p$
15. $10 + s = 19$
16. $9 + 10 = x$
17. $9 + b = 17$
18. $3 + 10 = v$
19. $8 = 2 + j$
20. $1 + 3 = g$

Solving Simple Linear Equations (G) Answers

Name: _____ Date: _____ Score: _____

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

1. $17 = k + 9$
   $k = 8$

2. $12 = 12 + f$
   $f = 0$

3. $4 + 5 = m$
   $m = 9$

4. $c + 5 = 15$
   $c = 10$

5. $11 = 3 + z$
   $z = 8$

6. $11 = h + 10$
   $h = 1$

7. $r + 10 = 11$
   $r = 1$

8. $12 + 11 = n$
   $n = 23$

9. $12 + 10 = a$
   $a = 22$

10. $9 = 0 + d$
    $d = 9$

11. $8 + 2 = w$
    $w = 10$

12. $16 = 6 + y$
    $y = 10$

13. $t = 1 + 7$
    $t = 8$

14. $15 = 9 + p$
    $p = 6$

15. $10 + s = 19$
    $s = 9$

16. $9 + 10 = x$
    $x = 19$

17. $9 + b = 17$
    $b = 8$

18. $3 + 10 = v$
    $v = 13$

19. $8 = 2 + j$
    $j = 6$

20. $1 + 3 = g$
    $g = 4$

Solving Simple Linear Equations (H)

Name: _____ Date: _____ Score: _____

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

1. $11 + 6 = x$
2. $f = 3 + 0$
3. $k + 0 = 1$
4. $2 + j = 4$
5. $11 + y = 13$
6. $11 = v + 3$
7. $19 = w + 7$
8. $s = 3 + 4$
9. $16 = c + 9$
10. $a + 5 = 9$
11. $n = 5 + 7$
12. $17 = 5 + r$
13. $g + 11 = 12$
14. $18 = m + 7$
15. $z + 5 = 11$
16. $11 + d = 16$
17. $5 = 0 + b$
18. $8 + p = 16$
19. $12 = t + 5$
20. $0 + 8 = h$

Solving Simple Linear Equations (H) Answers

Name: _____ Date: _____ Score: _____

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

1. $11 + 6 = x$
   $x = 17$

2. $f = 3 + 0$
   $f = 3$

3. $k + 0 = 1$
   $k = 1$

4. $2 + j = 4$
   $j = 2$

5. $11 + y = 13$
   $y = 2$

6. $11 = v + 3$
   $v = 8$

7. $19 = w + 7$
   $w = 12$

8. $s = 3 + 4$
   $s = 7$

9. $16 = c + 9$
   $c = 7$

10. $a + 5 = 9$
    $a = 4$

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

12. $17 = 5 + r$
    $r = 12$

13. $g + 11 = 12$
    $g = 1$

14. $18 = m + 7$
    $m = 11$

15. $z + 5 = 11$
    $z = 6$

16. $11 + d = 16$
    $d = 5$

17. $5 = 0 + b$
    $b = 5$

18. $8 + p = 16$
    $p = 8$

19. $12 = t + 5$
    $t = 7$

20. $0 + 8 = h$
    $h = 8$

Solving Simple Linear Equations (I)

Name: _____ Date: _____ Score: _____

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

1. $2 + 11 = k$
2. $d = 5 + 11$
3. $11 + r = 22$
4. $19 = g + 11$
5. $t = 4 + 6$
6. $7 + 7 = p$
7. $s + 5 = 11$
8. $19 = c + 10$
9. $12 + h = 24$
10. $9 = 8 + m$
11. $f + 10 = 11$
12. $7 + a = 12$
13. $13 = w + 10$
14. $b = 3 + 6$
15. $9 + x = 11$
16. $j = 5 + 2$
17. $14 = v + 10$
18. $2 + 0 = z$
19. $12 + 1 = y$
20. $4 + n = 9$

Solving Simple Linear Equations (I) Answers

Name: _____ Date: _____ Score: _____

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

1. $2 + 11 = k$
   $k = 13$

2. $d = 5 + 11$
   $d = 16$

3. $11 + r = 22$
   $r = 11$

4. $19 = g + 11$
   $g = 8$

5. $t = 4 + 6$
   $t = 10$

6. $7 + 7 = p$
   $p = 14$

7. $s + 5 = 11$
   $s = 6$

8. $19 = c + 10$
   $c = 9$

9. $12 + h = 24$
   $h = 12$

10. $9 = 8 + m$
    $m = 1$

11. $f + 10 = 11$
    $f = 1$

12. $7 + a = 12$
    $a = 5$

13. $13 = w + 10$
    $w = 3$

14. $b = 3 + 6$
    $b = 9$

15. $9 + x = 11$
    $x = 2$

16. $j = 5 + 2$
    $j = 7$

17. $14 = v + 10$
    $v = 4$

18. $2 + 0 = z$
    $z = 2$

19. $12 + 1 = y$
    $y = 13$

20. $4 + n = 9$
    $n = 5$

Solving Simple Linear Equations (J)

Name: _____ Date: _____ Score: _____

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

1. $6 + j = 12$
2. $n = 5 + 7$
3. $18 = 10 + f$
4. $k = 5 + 5$
5. $11 = d + 1$
6. $13 = m + 7$
7. $9 + 2 = c$
8. $3 = r + 2$
9. $p = 10 + 6$
10. $20 = 8 + x$
11. $15 = t + 7$
12. $19 = a + 12$
13. $v = 0 + 11$
14. $13 = 3 + b$
15. $y = 0 + 3$
16. $h = 3 + 0$
17. $19 = 9 + s$
18. $17 = g + 5$
19. $z = 2 + 0$
20. $w = 9 + 1$

Solving Simple Linear Equations (J) Answers

Name: _____ Date: _____ Score: _____

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

1. $6 + j = 12$
   $j = 6$

2. $n = 5 + 7$
   $n = 12$

3. $18 = 10 + f$
   $f = 8$

4. $k = 5 + 5$
   $k = 10$

5. $11 = d + 1$
   $d = 10$

6. $13 = m + 7$
   $m = 6$

7. $9 + 2 = c$
   $c = 11$

8. $3 = r + 2$
   $r = 1$

9. $p = 10 + 6$
   $p = 16$

10. $20 = 8 + x$
    $x = 12$

11. $15 = t + 7$
    $t = 8$

12. $19 = a + 12$
    $a = 7$

13. $v = 0 + 11$
    $v = 11$

14. $13 = 3 + b$
    $b = 10$

15. $y = 0 + 3$
    $y = 3$

16. $h = 3 + 0$
    $h = 3$

17. $19 = 9 + s$
    $s = 10$

18. $17 = g + 5$
    $g = 12$

19. $z = 2 + 0$
    $z = 2$

20. $w = 9 + 1$
    $w = 10$