Solving Simple Linear Equations (A)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (A) Answers

Name: _____ Date: _____ Score: _____

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

1. $4 = f + 2$
   $f = 2$

2. $13 = 6 + h$
   $h = 7$

3. $4 + g = 10$
   $g = 6$

4. $z + 2 = 4$
   $z = 2$

5. $16 = j + 10$
   $j = 6$

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

7. $20 = c + 9$
   $c = 11$

8. $18 = 12 + m$
   $m = 6$

9. $13 = 4 + v$
   $v = 9$

10. $6 + x = 17$
    $x = 11$

11. $11 = 2 + p$
    $p = 9$

12. $3 + s = 5$
    $s = 2$

13. $14 = 8 + w$
    $w = 6$

14. $10 = r + 2$
    $r = 8$

15. $y + 8 = 8$
    $y = 0$

16. $3 + a = 6$
    $a = 3$

17. $20 = 10 + n$
    $n = 10$

18. $t + 12 = 20$
    $t = 8$

19. $d + 10 = 18$
    $d = 8$

20. $13 = k + 12$
    $k = 1$

Solving Simple Linear Equations (B)

Name: _____ Date: _____ Score: _____

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

1. $j + 10 = 12$
2. $z + 5 = 15$
3. $x + 12 = 12$
4. $f + 9 = 12$
5. $0 + r = 11$
6. $11 = t + 5$
7. $17 = 5 + n$
8. $8 + p = 19$
9. $3 + g = 7$
10. $11 = 2 + m$
11. $k + 10 = 22$
12. $w + 11 = 12$
13. $7 = 0 + s$
14. $12 + b = 12$
15. $c + 4 = 7$
16. $a + 2 = 3$
17. $5 + v = 17$
18. $10 = 1 + y$
19. $16 = 10 + d$
20. $h + 12 = 23$

Solving Simple Linear Equations (B) Answers

Name: _____ Date: _____ Score: _____

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

1. $j + 10 = 12$
   $j = 2$

2. $z + 5 = 15$
   $z = 10$

3. $x + 12 = 12$
   $x = 0$

4. $f + 9 = 12$
   $f = 3$

5. $0 + r = 11$
   $r = 11$

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

7. $17 = 5 + n$
   $n = 12$

8. $8 + p = 19$
   $p = 11$

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

10. $11 = 2 + m$
    $m = 9$

11. $k + 10 = 22$
    $k = 12$

12. $w + 11 = 12$
    $w = 1$

13. $7 = 0 + s$
    $s = 7$

14. $12 + b = 12$
    $b = 0$

15. $c + 4 = 7$
    $c = 3$

16. $a + 2 = 3$
    $a = 1$

17. $5 + v = 17$
    $v = 12$

18. $10 = 1 + y$
    $y = 9$

19. $16 = 10 + d$
    $d = 6$

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

Solving Simple Linear Equations (C)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (C) Answers

Name: _____ Date: _____ Score: _____

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

1. $7 + a = 19$
   $a = 12$

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

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

4. $8 = 0 + f$
   $f = 8$

5. $10 + k = 16$
   $k = 6$

6. $10 = z + 10$
   $z = 0$

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

8. $2 + m = 8$
   $m = 6$

9. $3 = n + 2$
   $n = 1$

10. $6 = h + 2$
    $h = 4$

11. $5 = 3 + d$
    $d = 2$

12. $6 = w + 1$
    $w = 5$

13. $t + 7 = 17$
    $t = 10$

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

15. $13 = y + 1$
    $y = 12$

16. $2 + v = 2$
    $v = 0$

17. $5 + j = 8$
    $j = 3$

18. $9 = 8 + g$
    $g = 1$

19. $4 + p = 10$
    $p = 6$

20. $b + 11 = 14$
    $b = 3$

Solving Simple Linear Equations (D)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (D) Answers

Name: _____ Date: _____ Score: _____

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

1. $j + 4 = 16$
   $j = 12$

2. $9 = a + 0$
   $a = 9$

3. $8 + f = 9$
   $f = 1$

4. $3 = h + 1$
   $h = 2$

5. $y + 0 = 8$
   $y = 8$

6. $15 = 10 + v$
   $v = 5$

7. $x + 7 = 8$
   $x = 1$

8. $21 = 10 + g$
   $g = 11$

9. $10 = p + 7$
   $p = 3$

10. $21 = b + 11$
    $b = 10$

11. $5 = 0 + k$
    $k = 5$

12. $14 = 3 + t$
    $t = 11$

13. $3 + d = 13$
    $d = 10$

14. $16 = 7 + n$
    $n = 9$

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

16. $0 = 0 + m$
    $m = \{x | x \neq 0\}$

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

18. $7 + w = 14$
    $w = 7$

19. $11 = s + 3$
    $s = 8$

20. $12 = 4 + z$
    $z = 8$

Solving Simple Linear Equations (E)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (E) Answers

Name: _____ Date: _____ Score: _____

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

1. $0 + g = 9$
   $g = 9$

2. $19 = 7 + n$
   $n = 12$

3. $6 = 0 + s$
   $s = 6$

4. $t + 6 = 12$
   $t = 6$

5. $5 = f + 0$
   $f = 5$

6. $10 = 9 + p$
   $p = 1$

7. $d + 5 = 9$
   $d = 4$

8. $13 = 12 + j$
   $j = 1$

9. $6 + x = 18$
   $x = 12$

10. $14 = m + 2$
    $m = 12$

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

12. $b + 4 = 12$
    $b = 8$

13. $3 + a = 13$
    $a = 10$

14. $16 = c + 9$
    $c = 7$

15. $1 + h = 3$
    $h = 2$

16. $3 + v = 5$
    $v = 2$

17. $w + 6 = 7$
    $w = 1$

18. $6 + k = 6$
    $k = 0$

19. $11 = r + 4$
    $r = 7$

20. $19 = 8 + y$
    $y = 11$

Solving Simple Linear Equations (F)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (F) Answers

Name: _____ Date: _____ Score: _____

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

1. $12 = v + 1$
   $v = 11$

2. $15 = 12 + c$
   $c = 3$

3. $9 = f + 7$
   $f = 2$

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

5. $s + 10 = 20$
   $s = 10$

6. $n + 2 = 13$
   $n = 11$

7. $b + 3 = 11$
   $b = 8$

8. $1 + z = 6$
   $z = 5$

9. $5 = x + 4$
   $x = 1$

10. $17 = 12 + d$
    $d = 5$

11. $7 = 5 + r$
    $r = 2$

12. $h + 10 = 15$
    $h = 5$

13. $6 + j = 11$
    $j = 5$

14. $12 = 6 + m$
    $m = 6$

15. $9 = 8 + p$
    $p = 1$

16. $3 = y + 0$
    $y = 3$

17. $13 = 3 + w$
    $w = 10$

18. $8 = a + 0$
    $a = 8$

19. $11 = k + 2$
    $k = 9$

20. $18 = 10 + t$
    $t = 8$

Solving Simple Linear Equations (G)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (G) Answers

Name: _____ Date: _____ Score: _____

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

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

2. $k + 6 = 17$
   $k = 11$

3. $18 = 6 + a$
   $a = 12$

4. $3 + t = 9$
   $t = 6$

5. $y + 7 = 10$
   $y = 3$

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

7. $10 = v + 5$
   $v = 5$

8. $s + 1 = 5$
   $s = 4$

9. $j + 4 = 13$
   $j = 9$

10. $9 = 0 + g$
    $g = 9$

11. $5 + x = 14$
    $x = 9$

12. $21 = p + 12$
    $p = 9$

13. $14 = d + 9$
    $d = 5$

14. $13 = r + 11$
    $r = 2$

15. $17 = 10 + f$
    $f = 7$

16. $n + 8 = 20$
    $n = 12$

17. $w + 6 = 7$
    $w = 1$

18. $h + 8 = 11$
    $h = 3$

19. $19 = b + 12$
    $b = 7$

20. $10 = c + 7$
    $c = 3$

Solving Simple Linear Equations (H)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (H) Answers

Name: _____ Date: _____ Score: _____

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

1. $8 = s + 7$
   $s = 1$

2. $10 = k + 4$
   $k = 6$

3. $8 = 8 + c$
   $c = 0$

4. $r + 5 = 5$
   $r = 0$

5. $7 + y = 8$
   $y = 1$

6. $f + 8 = 20$
   $f = 12$

7. $5 = v + 4$
   $v = 1$

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

9. $j + 7 = 19$
   $j = 12$

10. $12 = 12 + p$
    $p = 0$

11. $12 + g = 20$
    $g = 8$

12. $6 + d = 9$
    $d = 3$

13. $9 = 9 + w$
    $w = 0$

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

15. $a + 5 = 15$
    $a = 10$

16. $1 = n + 0$
    $n = 1$

17. $11 + m = 22$
    $m = 11$

18. $t + 1 = 12$
    $t = 11$

19. $h + 0 = 11$
    $h = 11$

20. $20 = b + 10$
    $b = 10$

Solving Simple Linear Equations (I)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (I) Answers

Name: _____ Date: _____ Score: _____

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

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

2. $15 = 6 + d$
   $d = 9$

3. $21 = r + 9$
   $r = 12$

4. $7 = j + 0$
   $j = 7$

5. $11 = 11 + z$
   $z = 0$

6. $7 + w = 12$
   $w = 5$

7. $17 = 11 + y$
   $y = 6$

8. $4 + c = 10$
   $c = 6$

9. $7 + b = 15$
   $b = 8$

10. $6 + n = 18$
    $n = 12$

11. $9 = 6 + v$
    $v = 3$

12. $t + 0 = 3$
    $t = 3$

13. $12 = 0 + a$
    $a = 12$

14. $18 = k + 12$
    $k = 6$

15. $6 = p + 2$
    $p = 4$

16. $8 = x + 1$
    $x = 7$

17. $h + 12 = 17$
    $h = 5$

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

19. $13 = 5 + g$
    $g = 8$

20. $17 = f + 5$
    $f = 12$

Solving Simple Linear Equations (J)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (J) Answers

Name: _____ Date: _____ Score: _____

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

1. $2 = d + 2$
   $d = 0$

2. $9 + h = 19$
   $h = 10$

3. $3 + x = 15$
   $x = 12$

4. $g + 0 = 10$
   $g = 10$

5. $12 = 10 + p$
   $p = 2$

6. $8 = f + 3$
   $f = 5$

7. $19 = 11 + b$
   $b = 8$

8. $16 = 4 + m$
   $m = 12$

9. $y + 12 = 18$
   $y = 6$

10. $c + 6 = 11$
    $c = 5$

11. $10 = 10 + t$
    $t = 0$

12. $1 + s = 2$
    $s = 1$

13. $15 = k + 4$
    $k = 11$

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

15. $20 = r + 10$
    $r = 10$

16. $12 = a + 4$
    $a = 8$

17. $4 + z = 13$
    $z = 9$

18. $11 + j = 22$
    $j = 11$

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

20. $12 + n = 14$
    $n = 2$