Solving Simple Linear Equations (A)

Name: _____ Date: _____ Score: _____

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

1. $r + 8 = 24$
2. $10 = p + 9$
3. $15 + 19 = x$
4. $j = 1 + 7$
5. $20 = s + 9$
6. $13 = v + 7$
7. $12 + 4 = z$
8. $14 + a = 18$
9. $t + 9 = 22$
10. $b = 9 + 12$
11. $g + 17 = 30$
12. $15 + w = 28$
13. $1 + 13 = y$
14. $c = 6 + 19$
15. $25 = f + 12$
16. $27 = h + 13$
17. $16 = k + 7$
18. $13 = d + 11$
19. $n = 2 + 10$
20. $m = 15 + 9$

Solving Simple Linear Equations (A) Answers

Name: _____ Date: _____ Score: _____

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

1. $r + 8 = 24$
   $r = 16$

2. $10 = p + 9$
   $p = 1$

3. $15 + 19 = x$
   $x = 34$

4. $j = 1 + 7$
   $j = 8$

5. $20 = s + 9$
   $s = 11$

6. $13 = v + 7$
   $v = 6$

7. $12 + 4 = z$
   $z = 16$

8. $14 + a = 18$
   $a = 4$

9. $t + 9 = 22$
   $t = 13$

10. $b = 9 + 12$
    $b = 21$

11. $g + 17 = 30$
    $g = 13$

12. $15 + w = 28$
    $w = 13$

13. $1 + 13 = y$
    $y = 14$

14. $c = 6 + 19$
    $c = 25$

15. $25 = f + 12$
    $f = 13$

16. $27 = h + 13$
    $h = 14$

17. $16 = k + 7$
    $k = 9$

18. $13 = d + 11$
    $d = 2$

19. $n = 2 + 10$
    $n = 12$

20. $m = 15 + 9$
    $m = 24$

Solving Simple Linear Equations (B)

Name: _____ Date: _____ Score: _____

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

1. $5 + a = 19$
2. $f = 5 + 10$
3. $j = 12 + 4$
4. $22 = 20 + g$
5. $b = 5 + 5$
6. $17 = s + 3$
7. $11 + x = 17$
8. $24 = 13 + t$
9. $5 + 3 = p$
10. $28 = 12 + d$
11. $n = 14 + 17$
12. $4 + y = 9$
13. $c + 4 = 18$
14. $14 + 18 = v$
15. $16 + 1 = k$
16. $12 + m = 31$
17. $z + 9 = 18$
18. $20 + 10 = w$
19. $20 = 12 + r$
20. $h = 4 + 15$

Solving Simple Linear Equations (B) Answers

Name: _____ Date: _____ Score: _____

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

1. $5 + a = 19$
   $a = 14$

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

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

4. $22 = 20 + g$
   $g = 2$

5. $b = 5 + 5$
   $b = 10$

6. $17 = s + 3$
   $s = 14$

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

8. $24 = 13 + t$
   $t = 11$

9. $5 + 3 = p$
   $p = 8$

10. $28 = 12 + d$
    $d = 16$

11. $n = 14 + 17$
    $n = 31$

12. $4 + y = 9$
    $y = 5$

13. $c + 4 = 18$
    $c = 14$

14. $14 + 18 = v$
    $v = 32$

15. $16 + 1 = k$
    $k = 17$

16. $12 + m = 31$
    $m = 19$

17. $z + 9 = 18$
    $z = 9$

18. $20 + 10 = w$
    $w = 30$

19. $20 = 12 + r$
    $r = 8$

20. $h = 4 + 15$
    $h = 19$

Solving Simple Linear Equations (C)

Name: _____ Date: _____ Score: _____

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

1. $v = 7 + 12$
2. $5 = m + 1$
3. $11 + 16 = b$
4. $r + 15 = 32$
5. $8 = 2 + k$
6. $j + 2 = 12$
7. $14 = 13 + w$
8. $15 + s = 32$
9. $6 + 20 = a$
10. $n + 2 = 3$
11. $19 + 11 = h$
12. $g = 2 + 17$
13. $t + 11 = 23$
14. $x + 9 = 11$
15. $13 = y + 10$
16. $z = 14 + 9$
17. $36 = p + 20$
18. $18 = d + 5$
19. $f + 18 = 23$
20. $37 = c + 20$

Solving Simple Linear Equations (C) Answers

Name: _____ Date: _____ Score: _____

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

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

2. $5 = m + 1$
   $m = 4$

3. $11 + 16 = b$
   $b = 27$

4. $r + 15 = 32$
   $r = 17$

5. $8 = 2 + k$
   $k = 6$

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

7. $14 = 13 + w$
   $w = 1$

8. $15 + s = 32$
   $s = 17$

9. $6 + 20 = a$
   $a = 26$

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

11. $19 + 11 = h$
    $h = 30$

12. $g = 2 + 17$
    $g = 19$

13. $t + 11 = 23$
    $t = 12$

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

15. $13 = y + 10$
    $y = 3$

16. $z = 14 + 9$
    $z = 23$

17. $36 = p + 20$
    $p = 16$

18. $18 = d + 5$
    $d = 13$

19. $f + 18 = 23$
    $f = 5$

20. $37 = c + 20$
    $c = 17$

Solving Simple Linear Equations (D)

Name: _____ Date: _____ Score: _____

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

1. $9 + p = 11$
2. $n + 3 = 10$
3. $10 + 6 = y$
4. $m + 17 = 21$
5. $16 + s = 24$
6. $8 = 5 + v$
7. $21 = 20 + t$
8. $z = 8 + 8$
9. $12 + 7 = a$
10. $11 + w = 16$
11. $h + 15 = 34$
12. $9 + f = 13$
13. $17 + d = 32$
14. $17 = 9 + k$
15. $x + 12 = 19$
16. $1 + c = 14$
17. $5 = g + 3$
18. $5 + b = 24$
19. $17 + j = 33$
20. $5 + 10 = r$

Solving Simple Linear Equations (D) Answers

Name: _____ Date: _____ Score: _____

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

1. $9 + p = 11$
   $p = 2$

2. $n + 3 = 10$
   $n = 7$

3. $10 + 6 = y$
   $y = 16$

4. $m + 17 = 21$
   $m = 4$

5. $16 + s = 24$
   $s = 8$

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

7. $21 = 20 + t$
   $t = 1$

8. $z = 8 + 8$
   $z = 16$

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

10. $11 + w = 16$
    $w = 5$

11. $h + 15 = 34$
    $h = 19$

12. $9 + f = 13$
    $f = 4$

13. $17 + d = 32$
    $d = 15$

14. $17 = 9 + k$
    $k = 8$

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

16. $1 + c = 14$
    $c = 13$

17. $5 = g + 3$
    $g = 2$

18. $5 + b = 24$
    $b = 19$

19. $17 + j = 33$
    $j = 16$

20. $5 + 10 = r$
    $r = 15$

Solving Simple Linear Equations (E)

Name: _____ Date: _____ Score: _____

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

1. $6 + 16 = g$
2. $3 + w = 10$
3. $c + 1 = 19$
4. $14 + x = 26$
5. $13 = 12 + n$
6. $11 = m + 2$
7. $19 = 5 + d$
8. $17 = p + 7$
9. $18 = v + 7$
10. $29 = 15 + t$
11. $h + 2 = 18$
12. $b + 5 = 16$
13. $24 = k + 10$
14. $s + 14 = 16$
15. $13 + 14 = f$
16. $12 + z = 19$
17. $17 = 9 + y$
18. $18 + 5 = a$
19. $r + 11 = 13$
20. $j + 2 = 19$

Solving Simple Linear Equations (E) Answers

Name: _____ Date: _____ Score: _____

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

1. $6 + 16 = g$
   $g = 22$

2. $3 + w = 10$
   $w = 7$

3. $c + 1 = 19$
   $c = 18$

4. $14 + x = 26$
   $x = 12$

5. $13 = 12 + n$
   $n = 1$

6. $11 = m + 2$
   $m = 9$

7. $19 = 5 + d$
   $d = 14$

8. $17 = p + 7$
   $p = 10$

9. $18 = v + 7$
   $v = 11$

10. $29 = 15 + t$
    $t = 14$

11. $h + 2 = 18$
    $h = 16$

12. $b + 5 = 16$
    $b = 11$

13. $24 = k + 10$
    $k = 14$

14. $s + 14 = 16$
    $s = 2$

15. $13 + 14 = f$
    $f = 27$

16. $12 + z = 19$
    $z = 7$

17. $17 = 9 + y$
    $y = 8$

18. $18 + 5 = a$
    $a = 23$

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

20. $j + 2 = 19$
    $j = 17$

Solving Simple Linear Equations (F)

Name: _____ Date: _____ Score: _____

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

1. $g + 12 = 15$
2. $7 = r + 3$
3. $k = 5 + 9$
4. $m + 7 = 10$
5. $10 + a = 25$
6. $25 = 11 + j$
7. $t + 3 = 5$
8. $18 + 8 = x$
9. $7 + 6 = z$
10. $10 = 8 + w$
11. $12 = p + 2$
12. $25 = 17 + d$
13. $15 = 12 + b$
14. $y + 11 = 16$
15. $c = 20 + 19$
16. $23 = h + 15$
17. $29 = v + 16$
18. $12 + f = 31$
19. $s + 18 = 32$
20. $9 + n = 29$

Solving Simple Linear Equations (F) Answers

Name: _____ Date: _____ Score: _____

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

1. $g + 12 = 15$
   $g = 3$

2. $7 = r + 3$
   $r = 4$

3. $k = 5 + 9$
   $k = 14$

4. $m + 7 = 10$
   $m = 3$

5. $10 + a = 25$
   $a = 15$

6. $25 = 11 + j$
   $j = 14$

7. $t + 3 = 5$
   $t = 2$

8. $18 + 8 = x$
   $x = 26$

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

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

11. $12 = p + 2$
    $p = 10$

12. $25 = 17 + d$
    $d = 8$

13. $15 = 12 + b$
    $b = 3$

14. $y + 11 = 16$
    $y = 5$

15. $c = 20 + 19$
    $c = 39$

16. $23 = h + 15$
    $h = 8$

17. $29 = v + 16$
    $v = 13$

18. $12 + f = 31$
    $f = 19$

19. $s + 18 = 32$
    $s = 14$

20. $9 + n = 29$
    $n = 20$

Solving Simple Linear Equations (G)

Name: _____ Date: _____ Score: _____

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

1. $3 + f = 17$
2. $s + 11 = 14$
3. $20 = 7 + p$
4. $6 + 14 = j$
5. $g + 12 = 17$
6. $w = 9 + 9$
7. $11 + 5 = x$
8. $20 = z + 1$
9. $5 + 12 = n$
10. $3 = y + 1$
11. $b + 3 = 21$
12. $3 + 6 = c$
13. $20 = 15 + r$
14. $20 + t = 29$
15. $30 = d + 15$
16. $5 + m = 6$
17. $a = 5 + 3$
18. $20 + 18 = k$
19. $h = 5 + 13$
20. $19 + v = 21$

Solving Simple Linear Equations (G) Answers

Name: _____ Date: _____ Score: _____

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

1. $3 + f = 17$
   $f = 14$

2. $s + 11 = 14$
   $s = 3$

3. $20 = 7 + p$
   $p = 13$

4. $6 + 14 = j$
   $j = 20$

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

6. $w = 9 + 9$
   $w = 18$

7. $11 + 5 = x$
   $x = 16$

8. $20 = z + 1$
   $z = 19$

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

10. $3 = y + 1$
    $y = 2$

11. $b + 3 = 21$
    $b = 18$

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

13. $20 = 15 + r$
    $r = 5$

14. $20 + t = 29$
    $t = 9$

15. $30 = d + 15$
    $d = 15$

16. $5 + m = 6$
    $m = 1$

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

18. $20 + 18 = k$
    $k = 38$

19. $h = 5 + 13$
    $h = 18$

20. $19 + v = 21$
    $v = 2$

Solving Simple Linear Equations (H)

Name: _____ Date: _____ Score: _____

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

1. $29 = b + 15$
2. $a = 19 + 16$
3. $17 + d = 29$
4. $17 + 15 = c$
5. $14 + k = 25$
6. $27 = g + 7$
7. $r = 4 + 12$
8. $20 = 8 + s$
9. $13 + p = 15$
10. $z = 13 + 3$
11. $13 = y + 2$
12. $25 = 5 + w$
13. $v = 1 + 18$
14. $m + 7 = 27$
15. $30 = t + 20$
16. $10 + x = 21$
17. $6 + j = 10$
18. $h + 5 = 17$
19. $19 + 17 = n$
20. $19 = 15 + f$

Solving Simple Linear Equations (H) Answers

Name: _____ Date: _____ Score: _____

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

1. $29 = b + 15$
   $b = 14$

2. $a = 19 + 16$
   $a = 35$

3. $17 + d = 29$
   $d = 12$

4. $17 + 15 = c$
   $c = 32$

5. $14 + k = 25$
   $k = 11$

6. $27 = g + 7$
   $g = 20$

7. $r = 4 + 12$
   $r = 16$

8. $20 = 8 + s$
   $s = 12$

9. $13 + p = 15$
   $p = 2$

10. $z = 13 + 3$
    $z = 16$

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

12. $25 = 5 + w$
    $w = 20$

13. $v = 1 + 18$
    $v = 19$

14. $m + 7 = 27$
    $m = 20$

15. $30 = t + 20$
    $t = 10$

16. $10 + x = 21$
    $x = 11$

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

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

19. $19 + 17 = n$
    $n = 36$

20. $19 = 15 + f$
    $f = 4$

Solving Simple Linear Equations (I)

Name: _____ Date: _____ Score: _____

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

1. $z = 13 + 8$
2. $y = 11 + 6$
3. $a = 4 + 18$
4. $12 + t = 13$
5. $21 = 12 + v$
6. $5 = 4 + g$
7. $4 + 1 = d$
8. $17 = m + 5$
9. $30 = 16 + h$
10. $7 + w = 27$
11. $32 = 19 + k$
12. $n + 15 = 24$
13. $c = 7 + 11$
14. $f = 10 + 18$
15. $b = 8 + 12$
16. $32 = s + 17$
17. $8 + 6 = r$
18. $37 = 19 + p$
19. $20 + x = 29$
20. $35 = j + 15$

Solving Simple Linear Equations (I) Answers

Name: _____ Date: _____ Score: _____

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

1. $z = 13 + 8$
   $z = 21$

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

3. $a = 4 + 18$
   $a = 22$

4. $12 + t = 13$
   $t = 1$

5. $21 = 12 + v$
   $v = 9$

6. $5 = 4 + g$
   $g = 1$

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

8. $17 = m + 5$
   $m = 12$

9. $30 = 16 + h$
   $h = 14$

10. $7 + w = 27$
    $w = 20$

11. $32 = 19 + k$
    $k = 13$

12. $n + 15 = 24$
    $n = 9$

13. $c = 7 + 11$
    $c = 18$

14. $f = 10 + 18$
    $f = 28$

15. $b = 8 + 12$
    $b = 20$

16. $32 = s + 17$
    $s = 15$

17. $8 + 6 = r$
    $r = 14$

18. $37 = 19 + p$
    $p = 18$

19. $20 + x = 29$
    $x = 9$

20. $35 = j + 15$
    $j = 20$

Solving Simple Linear Equations (J)

Name: _____ Date: _____ Score: _____

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

1. $10 + 11 = v$
2. $16 + 1 = n$
3. $h + 8 = 24$
4. $17 + j = 18$
5. $m = 15 + 3$
6. $20 = 9 + x$
7. $16 = 6 + g$
8. $20 + c = 23$
9. $30 = 17 + b$
10. $19 = 14 + p$
11. $12 + z = 16$
12. $18 = 15 + a$
13. $f + 6 = 8$
14. $23 = t + 19$
15. $17 + 13 = w$
16. $16 + 2 = d$
17. $k = 3 + 11$
18. $3 = r + 1$
19. $11 + 18 = y$
20. $s = 20 + 5$

Solving Simple Linear Equations (J) Answers

Name: _____ Date: _____ Score: _____

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

1. $10 + 11 = v$
   $v = 21$

2. $16 + 1 = n$
   $n = 17$

3. $h + 8 = 24$
   $h = 16$

4. $17 + j = 18$
   $j = 1$

5. $m = 15 + 3$
   $m = 18$

6. $20 = 9 + x$
   $x = 11$

7. $16 = 6 + g$
   $g = 10$

8. $20 + c = 23$
   $c = 3$

9. $30 = 17 + b$
   $b = 13$

10. $19 = 14 + p$
    $p = 5$

11. $12 + z = 16$
    $z = 4$

12. $18 = 15 + a$
    $a = 3$

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

14. $23 = t + 19$
    $t = 4$

15. $17 + 13 = w$
    $w = 30$

16. $16 + 2 = d$
    $d = 18$

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

18. $3 = r + 1$
    $r = 2$

19. $11 + 18 = y$
    $y = 29$

20. $s = 20 + 5$
    $s = 25$