

Solving Simple Linear Equations (A)

Name: _____

Date: _____

Score: _____

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

1. $t + 10 = 15$

2. $29 = 18 + k$

3. $16 + v = 17$

4. $b + 12 = 20$

5. $j + 7 = 20$

6. $18 = 6 + p$

7. $g + 20 = 30$

8. $13 = x + 12$

9. $26 = a + 18$

10. $27 = 17 + m$

11. $3 + h = 22$

12. $f + 17 = 21$

13. $30 = 19 + s$

14. $21 = n + 11$

15. $16 = d + 9$

16. $30 = 13 + w$

17. $29 = 16 + r$

18. $20 = y + 12$

19. $10 + z = 25$

20. $18 = c + 15$

Solving Simple Linear Equations (A) Answers

Name: _____

Date: _____

Score: _____

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

1. $t + 10 = 15$

$t = 5$

2. $29 = 18 + k$

$k = 11$

3. $16 + v = 17$

$v = 1$

4. $b + 12 = 20$

$b = 8$

5. $j + 7 = 20$

$j = 13$

6. $18 = 6 + p$

$p = 12$

7. $g + 20 = 30$

$g = 10$

8. $13 = x + 12$

$x = 1$

9. $26 = a + 18$

$a = 8$

10. $27 = 17 + m$

$m = 10$

11. $3 + h = 22$

$h = 19$

12. $f + 17 = 21$

$f = 4$

13. $30 = 19 + s$

$s = 11$

14. $21 = n + 11$

$n = 10$

15. $16 = d + 9$

$d = 7$

16. $30 = 13 + w$

$w = 17$

17. $29 = 16 + r$

$r = 13$

18. $20 = y + 12$

$y = 8$

19. $10 + z = 25$

$z = 15$

20. $18 = c + 15$

$c = 3$

Solving Simple Linear Equations (B)

Name: _____

Date: _____

Score: _____

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

1. $t + 11 = 19$

2. $c + 18 = 36$

3. $12 + r = 18$

4. $f + 8 = 14$

5. $22 = j + 10$

6. $11 = y + 4$

7. $19 = 11 + x$

8. $s + 16 = 17$

9. $v + 20 = 29$

10. $b + 12 = 16$

11. $m + 12 = 24$

12. $d + 5 = 20$

13. $17 + p = 19$

14. $6 + a = 25$

15. $16 + h = 27$

16. $12 + w = 20$

17. $16 + k = 23$

18. $25 = z + 7$

19. $20 = g + 14$

20. $26 = n + 13$

Solving Simple Linear Equations (B) Answers

Name: _____

Date: _____

Score: _____

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

1. $t + 11 = 19$

$t = 8$

2. $c + 18 = 36$

$c = 18$

3. $12 + r = 18$

$r = 6$

4. $f + 8 = 14$

$f = 6$

5. $22 = j + 10$

$j = 12$

6. $11 = y + 4$

$y = 7$

7. $19 = 11 + x$

$x = 8$

8. $s + 16 = 17$

$s = 1$

9. $v + 20 = 29$

$v = 9$

10. $b + 12 = 16$

$b = 4$

11. $m + 12 = 24$

$m = 12$

12. $d + 5 = 20$

$d = 15$

13. $17 + p = 19$

$p = 2$

14. $6 + a = 25$

$a = 19$

15. $16 + h = 27$

$h = 11$

16. $12 + w = 20$

$w = 8$

17. $16 + k = 23$

$k = 7$

18. $25 = z + 7$

$z = 18$

19. $20 = g + 14$

$g = 6$

20. $26 = n + 13$

$n = 13$

Solving Simple Linear Equations (C)

Name: _____

Date: _____

Score: _____

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

1. $4 = d + 2$

2. $14 + p = 29$

3. $10 + k = 15$

4. $15 + g = 30$

5. $19 = 3 + h$

6. $m + 15 = 32$

7. $16 = y + 14$

8. $5 + a = 16$

9. $37 = z + 17$

10. $24 = 20 + f$

11. $16 = c + 4$

12. $28 = 12 + w$

13. $31 = j + 17$

14. $n + 13 = 32$

15. $2 = t + 1$

16. $x + 4 = 9$

17. $14 = v + 11$

18. $24 = 13 + s$

19. $b + 12 = 17$

20. $15 = 7 + r$

Solving Simple Linear Equations (C) Answers

Name: _____

Date: _____

Score: _____

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

1. $4 = d + 2$

$d = 2$

2. $14 + p = 29$

$p = 15$

3. $10 + k = 15$

$k = 5$

4. $15 + g = 30$

$g = 15$

5. $19 = 3 + h$

$h = 16$

6. $m + 15 = 32$

$m = 17$

7. $16 = y + 14$

$y = 2$

8. $5 + a = 16$

$a = 11$

9. $37 = z + 17$

$z = 20$

10. $24 = 20 + f$

$f = 4$

11. $16 = c + 4$

$c = 12$

12. $28 = 12 + w$

$w = 16$

13. $31 = j + 17$

$j = 14$

14. $n + 13 = 32$

$n = 19$

15. $2 = t + 1$

$t = 1$

16. $x + 4 = 9$

$x = 5$

17. $14 = v + 11$

$v = 3$

18. $24 = 13 + s$

$s = 11$

19. $b + 12 = 17$

$b = 5$

20. $15 = 7 + r$

$r = 8$

Solving Simple Linear Equations (D)

Name: _____

Date: _____

Score: _____

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

1. $2 + v = 20$

2. $22 = j + 9$

3. $10 + a = 24$

4. $9 + c = 15$

5. $z + 16 = 34$

6. $14 = t + 11$

7. $15 = 8 + h$

8. $31 = 16 + f$

9. $n + 20 = 27$

10. $34 = g + 17$

11. $4 + k = 6$

12. $p + 12 = 27$

13. $12 = 8 + s$

14. $38 = 20 + b$

15. $13 = 2 + w$

16. $x + 2 = 12$

17. $d + 12 = 29$

18. $22 = r + 3$

19. $9 = m + 3$

20. $33 = 19 + y$

Solving Simple Linear Equations (D) Answers

Name: _____

Date: _____

Score: _____

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

1. $2 + v = 20$

$v = 18$

2. $22 = j + 9$

$j = 13$

3. $10 + a = 24$

$a = 14$

4. $9 + c = 15$

$c = 6$

5. $z + 16 = 34$

$z = 18$

6. $14 = t + 11$

$t = 3$

7. $15 = 8 + h$

$h = 7$

8. $31 = 16 + f$

$f = 15$

9. $n + 20 = 27$

$n = 7$

10. $34 = g + 17$

$g = 17$

11. $4 + k = 6$

$k = 2$

12. $p + 12 = 27$

$p = 15$

13. $12 = 8 + s$

$s = 4$

14. $38 = 20 + b$

$b = 18$

15. $13 = 2 + w$

$w = 11$

16. $x + 2 = 12$

$x = 10$

17. $d + 12 = 29$

$d = 17$

18. $22 = r + 3$

$r = 19$

19. $9 = m + 3$

$m = 6$

20. $33 = 19 + y$

$y = 14$

Solving Simple Linear Equations (E)

Name: _____

Date: _____

Score: _____

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

1. $3 + w = 23$

2. $40 = 20 + k$

3. $28 = b + 10$

4. $13 = z + 6$

5. $4 + x = 8$

6. $a + 7 = 11$

7. $24 = 6 + v$

8. $6 = j + 2$

9. $18 = f + 8$

10. $15 = 7 + r$

11. $8 = y + 4$

12. $n + 20 = 26$

13. $13 = p + 9$

14. $29 = c + 13$

15. $8 + g = 24$

16. $21 = h + 3$

17. $6 = 4 + d$

18. $20 = 13 + s$

19. $m + 8 = 16$

20. $9 = t + 1$

Solving Simple Linear Equations (E) Answers

Name: _____

Date: _____

Score: _____

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

1. $3 + w = 23$

$w = 20$

2. $40 = 20 + k$

$k = 20$

3. $28 = b + 10$

$b = 18$

4. $13 = z + 6$

$z = 7$

5. $4 + x = 8$

$x = 4$

6. $a + 7 = 11$

$a = 4$

7. $24 = 6 + v$

$v = 18$

8. $6 = j + 2$

$j = 4$

9. $18 = f + 8$

$f = 10$

10. $15 = 7 + r$

$r = 8$

11. $8 = y + 4$

$y = 4$

12. $n + 20 = 26$

$n = 6$

13. $13 = p + 9$

$p = 4$

14. $29 = c + 13$

$c = 16$

15. $8 + g = 24$

$g = 16$

16. $21 = h + 3$

$h = 18$

17. $6 = 4 + d$

$d = 2$

18. $20 = 13 + s$

$s = 7$

19. $m + 8 = 16$

$m = 8$

20. $9 = t + 1$

$t = 8$

Solving Simple Linear Equations (F)

Name: _____

Date: _____

Score: _____

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

1. $22 = m + 19$

2. $g + 13 = 15$

3. $6 = 5 + s$

4. $10 + x = 17$

5. $25 = n + 8$

6. $20 = w + 3$

7. $8 = y + 4$

8. $14 = j + 8$

9. $16 = a + 7$

10. $23 = 16 + d$

11. $26 = c + 12$

12. $17 + v = 37$

13. $p + 7 = 15$

14. $28 = 15 + b$

15. $39 = 20 + f$

16. $9 + h = 26$

17. $10 + z = 11$

18. $7 = 2 + k$

19. $32 = r + 17$

20. $11 + t = 12$

Solving Simple Linear Equations (F) Answers

Name: _____

Date: _____

Score: _____

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

1. $22 = m + 19$

$m = 3$

2. $g + 13 = 15$

$g = 2$

3. $6 = 5 + s$

$s = 1$

4. $10 + x = 17$

$x = 7$

5. $25 = n + 8$

$n = 17$

6. $20 = w + 3$

$w = 17$

7. $8 = y + 4$

$y = 4$

8. $14 = j + 8$

$j = 6$

9. $16 = a + 7$

$a = 9$

10. $23 = 16 + d$

$d = 7$

11. $26 = c + 12$

$c = 14$

12. $17 + v = 37$

$v = 20$

13. $p + 7 = 15$

$p = 8$

14. $28 = 15 + b$

$b = 13$

15. $39 = 20 + f$

$f = 19$

16. $9 + h = 26$

$h = 17$

17. $10 + z = 11$

$z = 1$

18. $7 = 2 + k$

$k = 5$

19. $32 = r + 17$

$r = 15$

20. $11 + t = 12$

$t = 1$

Solving Simple Linear Equations (G)

Name: _____

Date: _____

Score: _____

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

1. $18 = k + 2$

2. $33 = 15 + t$

3. $z + 15 = 35$

4. $4 + j = 13$

5. $y + 20 = 34$

6. $31 = x + 16$

7. $25 = 11 + f$

8. $8 + c = 10$

9. $r + 16 = 35$

10. $n + 14 = 25$

11. $27 = v + 13$

12. $23 = 3 + g$

13. $32 = w + 19$

14. $30 = 19 + a$

15. $d + 20 = 35$

16. $19 = 11 + s$

17. $h + 9 = 18$

18. $19 = 7 + b$

19. $20 = 4 + p$

20. $m + 1 = 17$

Solving Simple Linear Equations (G) Answers

Name: _____

Date: _____

Score: _____

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

1. $18 = k + 2$

$k = 16$

2. $33 = 15 + t$

$t = 18$

3. $z + 15 = 35$

$z = 20$

4. $4 + j = 13$

$j = 9$

5. $y + 20 = 34$

$y = 14$

6. $31 = x + 16$

$x = 15$

7. $25 = 11 + f$

$f = 14$

8. $8 + c = 10$

$c = 2$

9. $r + 16 = 35$

$r = 19$

10. $n + 14 = 25$

$n = 11$

11. $27 = v + 13$

$v = 14$

12. $23 = 3 + g$

$g = 20$

13. $32 = w + 19$

$w = 13$

14. $30 = 19 + a$

$a = 11$

15. $d + 20 = 35$

$d = 15$

16. $19 = 11 + s$

$s = 8$

17. $h + 9 = 18$

$h = 9$

18. $19 = 7 + b$

$b = 12$

19. $20 = 4 + p$

$p = 16$

20. $m + 1 = 17$

$m = 16$

Solving Simple Linear Equations (H)

Name: _____

Date: _____

Score: _____

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

1. $25 = t + 16$

2. $11 = 1 + v$

3. $25 = 14 + w$

4. $32 = g + 18$

5. $h + 6 = 23$

6. $p + 6 = 8$

7. $16 = k + 14$

8. $10 + r = 11$

9. $y + 20 = 33$

10. $19 = f + 16$

11. $12 = 8 + d$

12. $20 = s + 12$

13. $10 + j = 15$

14. $16 = 15 + c$

15. $24 = x + 5$

16. $21 = 6 + m$

17. $24 = z + 9$

18. $15 + b = 32$

19. $26 = 18 + n$

20. $9 = a + 1$

Solving Simple Linear Equations (H) Answers

Name: _____

Date: _____

Score: _____

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

1. $25 = t + 16$

$t = 9$

2. $11 = 1 + v$

$v = 10$

3. $25 = 14 + w$

$w = 11$

4. $32 = g + 18$

$g = 14$

5. $h + 6 = 23$

$h = 17$

6. $p + 6 = 8$

$p = 2$

7. $16 = k + 14$

$k = 2$

8. $10 + r = 11$

$r = 1$

9. $y + 20 = 33$

$y = 13$

10. $19 = f + 16$

$f = 3$

11. $12 = 8 + d$

$d = 4$

12. $20 = s + 12$

$s = 8$

13. $10 + j = 15$

$j = 5$

14. $16 = 15 + c$

$c = 1$

15. $24 = x + 5$

$x = 19$

16. $21 = 6 + m$

$m = 15$

17. $24 = z + 9$

$z = 15$

18. $15 + b = 32$

$b = 17$

19. $26 = 18 + n$

$n = 8$

20. $9 = a + 1$

$a = 8$

Solving Simple Linear Equations (I)

Name: _____

Date: _____

Score: _____

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

1. $b + 4 = 8$

2. $25 = 15 + z$

3. $18 = 4 + w$

4. $9 = 8 + g$

5. $j + 1 = 11$

6. $18 = 1 + f$

7. $21 = 16 + k$

8. $13 + t = 33$

9. $8 + h = 23$

10. $17 = 7 + x$

11. $d + 9 = 28$

12. $2 + r = 11$

13. $25 = n + 19$

14. $m + 2 = 4$

15. $y + 18 = 32$

16. $11 = 10 + v$

17. $a + 16 = 18$

18. $19 = 13 + p$

19. $27 = s + 15$

20. $32 = 18 + c$

Solving Simple Linear Equations (I) Answers

Name: _____

Date: _____

Score: _____

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

1. $b + 4 = 8$

$b = 4$

2. $25 = 15 + z$

$z = 10$

3. $18 = 4 + w$

$w = 14$

4. $9 = 8 + g$

$g = 1$

5. $j + 1 = 11$

$j = 10$

6. $18 = 1 + f$

$f = 17$

7. $21 = 16 + k$

$k = 5$

8. $13 + t = 33$

$t = 20$

9. $8 + h = 23$

$h = 15$

10. $17 = 7 + x$

$x = 10$

11. $d + 9 = 28$

$d = 19$

12. $2 + r = 11$

$r = 9$

13. $25 = n + 19$

$n = 6$

14. $m + 2 = 4$

$m = 2$

15. $y + 18 = 32$

$y = 14$

16. $11 = 10 + v$

$v = 1$

17. $a + 16 = 18$

$a = 2$

18. $19 = 13 + p$

$p = 6$

19. $27 = s + 15$

$s = 12$

20. $32 = 18 + c$

$c = 14$

Solving Simple Linear Equations (J)

Name: _____

Date: _____

Score: _____

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

1. $18 = 4 + k$

2. $r + 4 = 15$

3. $1 + b = 15$

4. $15 = 8 + z$

5. $6 + s = 18$

6. $4 = 1 + w$

7. $12 + x = 21$

8. $6 + d = 20$

9. $29 = 16 + m$

10. $n + 12 = 22$

11. $3 + f = 4$

12. $13 + j = 30$

13. $9 + h = 27$

14. $c + 6 = 20$

15. $14 = t + 9$

16. $y + 12 = 26$

17. $p + 13 = 14$

18. $28 = 20 + a$

19. $20 = g + 1$

20. $24 = 16 + v$

Solving Simple Linear Equations (J) Answers

Name: _____

Date: _____

Score: _____

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

1. $18 = 4 + k$

$k = 14$

2. $r + 4 = 15$

$r = 11$

3. $1 + b = 15$

$b = 14$

4. $15 = 8 + z$

$z = 7$

5. $6 + s = 18$

$s = 12$

6. $4 = 1 + w$

$w = 3$

7. $12 + x = 21$

$x = 9$

8. $6 + d = 20$

$d = 14$

9. $29 = 16 + m$

$m = 13$

10. $n + 12 = 22$

$n = 10$

11. $3 + f = 4$

$f = 1$

12. $13 + j = 30$

$j = 17$

13. $9 + h = 27$

$h = 18$

14. $c + 6 = 20$

$c = 14$

15. $14 = t + 9$

$t = 5$

16. $y + 12 = 26$

$y = 14$

17. $p + 13 = 14$

$p = 1$

18. $28 = 20 + a$

$a = 8$

19. $20 = g + 1$

$g = 19$

20. $24 = 16 + v$

$v = 8$