

Solving Simple Linear Equations (A)

Name: _____

Date: _____

Score: _____

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

1. $16 - h = 6$

2. $3 = 8 - y$

3. $f - 8 = 9$

4. $2 = w - 5$

5. $z - 5 = 3$

6. $0 = g - 0$

7. $p - 3 = 8$

8. $4 = 15 - t$

9. $12 = 13 - s$

10. $a - 12 = 4$

11. $3 - m = 0$

12. $n - 1 = 3$

13. $d - 9 = 2$

14. $4 = 4 - j$

15. $9 = 14 - b$

16. $19 - v = 10$

17. $5 = x - 3$

18. $16 - k = 5$

19. $3 = 11 - r$

20. $13 - c = 1$

Solving Simple Linear Equations (A) Answers

Name: _____

Date: _____

Score: _____

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

1. $16 - h = 6$

$h = 10$

2. $3 = 8 - y$

$y = 5$

3. $f - 8 = 9$

$f = 17$

4. $2 = w - 5$

$w = 7$

5. $z - 5 = 3$

$z = 8$

6. $0 = g - 0$

$g = 0$

7. $p - 3 = 8$

$p = 11$

8. $4 = 15 - t$

$t = 11$

9. $12 = 13 - s$

$s = 1$

10. $a - 12 = 4$

$a = 16$

11. $3 - m = 0$

$m = 3$

12. $n - 1 = 3$

$n = 4$

13. $d - 9 = 2$

$d = 11$

14. $4 = 4 - j$

$j = 0$

15. $9 = 14 - b$

$b = 5$

16. $19 - v = 10$

$v = 9$

17. $5 = x - 3$

$x = 8$

18. $16 - k = 5$

$k = 11$

19. $3 = 11 - r$

$r = 8$

20. $13 - c = 1$

$c = 12$

Solving Simple Linear Equations (B)

Name: _____

Date: _____

Score: _____

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

1. $2 = 4 - z$

2. $7 = y - 4$

3. $19 - h = 11$

4. $0 = m - 6$

5. $b - 8 = 11$

6. $v - 3 = 4$

7. $9 = x - 6$

8. $0 = r - 1$

9. $2 = w - 2$

10. $0 = 4 - n$

11. $5 = j - 2$

12. $11 = 14 - c$

13. $14 - f = 5$

14. $s - 10 = 0$

15. $9 = 17 - k$

16. $10 = g - 8$

17. $9 = t - 11$

18. $6 = p - 2$

19. $12 = a - 9$

20. $0 = 11 - d$

Solving Simple Linear Equations (B) Answers

Name: _____

Date: _____

Score: _____

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

1. $2 = 4 - z$

$z = 2$

2. $7 = y - 4$

$y = 11$

3. $19 - h = 11$

$h = 8$

4. $0 = m - 6$

$m = 6$

5. $b - 8 = 11$

$b = 19$

6. $v - 3 = 4$

$v = 7$

7. $9 = x - 6$

$x = 15$

8. $0 = r - 1$

$r = 1$

9. $2 = w - 2$

$w = 4$

10. $0 = 4 - n$

$n = 4$

11. $5 = j - 2$

$j = 7$

12. $11 = 14 - c$

$c = 3$

13. $14 - f = 5$

$f = 9$

14. $s - 10 = 0$

$s = 10$

15. $9 = 17 - k$

$k = 8$

16. $10 = g - 8$

$g = 18$

17. $9 = t - 11$

$t = 20$

18. $6 = p - 2$

$p = 8$

19. $12 = a - 9$

$a = 21$

20. $0 = 11 - d$

$d = 11$

Solving Simple Linear Equations (C)

Name: _____

Date: _____

Score: _____

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

1. $4 = m - 12$

2. $p - 5 = 3$

3. $r - 10 = 11$

4. $d - 9 = 3$

5. $9 - k = 5$

6. $2 = y - 7$

7. $8 - h = 0$

8. $11 - w = 3$

9. $11 - g = 8$

10. $1 = j - 7$

11. $v - 4 = 6$

12. $c - 11 = 3$

13. $n - 0 = 6$

14. $b - 12 = 6$

15. $8 - x = 2$

16. $4 = s - 1$

17. $f - 9 = 0$

18. $2 = a - 3$

19. $4 = t - 4$

20. $10 = 21 - z$

Solving Simple Linear Equations (C) Answers

Name: _____

Date: _____

Score: _____

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

1. $4 = m - 12$

$m = 16$

2. $p - 5 = 3$

$p = 8$

3. $r - 10 = 11$

$r = 21$

4. $d - 9 = 3$

$d = 12$

5. $9 - k = 5$

$k = 4$

6. $2 = y - 7$

$y = 9$

7. $8 - h = 0$

$h = 8$

8. $11 - w = 3$

$w = 8$

9. $11 - g = 8$

$g = 3$

10. $1 = j - 7$

$j = 8$

11. $v - 4 = 6$

$v = 10$

12. $c - 11 = 3$

$c = 14$

13. $n - 0 = 6$

$n = 6$

14. $b - 12 = 6$

$b = 18$

15. $8 - x = 2$

$x = 6$

16. $4 = s - 1$

$s = 5$

17. $f - 9 = 0$

$f = 9$

18. $2 = a - 3$

$a = 5$

19. $4 = t - 4$

$t = 8$

20. $10 = 21 - z$

$z = 11$

Solving Simple Linear Equations (D)

Name: _____

Date: _____

Score: _____

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

1. $10 = 22 - g$

2. $4 = y - 1$

3. $1 = m - 2$

4. $r - 2 = 8$

5. $7 = 11 - a$

6. $14 - w = 10$

7. $8 = h - 2$

8. $10 - p = 10$

9. $8 = 12 - x$

10. $b - 3 = 12$

11. $1 = 13 - t$

12. $9 = s - 1$

13. $c - 1 = 1$

14. $2 = 7 - f$

15. $k - 8 = 8$

16. $12 = 14 - z$

17. $d - 12 = 5$

18. $11 = 16 - v$

19. $10 - j = 4$

20. $12 - n = 1$

Solving Simple Linear Equations (D) Answers

Name: _____

Date: _____

Score: _____

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

1. $10 = 22 - g$
 $g = 12$

2. $4 = y - 1$
 $y = 5$

3. $1 = m - 2$
 $m = 3$

4. $r - 2 = 8$
 $r = 10$

5. $7 = 11 - a$
 $a = 4$

6. $14 - w = 10$
 $w = 4$

7. $8 = h - 2$
 $h = 10$

8. $10 - p = 10$
 $p = 0$

9. $8 = 12 - x$
 $x = 4$

10. $b - 3 = 12$
 $b = 15$

11. $1 = 13 - t$
 $t = 12$

12. $9 = s - 1$
 $s = 10$

13. $c - 1 = 1$
 $c = 2$

14. $2 = 7 - f$
 $f = 5$

15. $k - 8 = 8$
 $k = 16$

16. $12 = 14 - z$
 $z = 2$

17. $d - 12 = 5$
 $d = 17$

18. $11 = 16 - v$
 $v = 5$

19. $10 - j = 4$
 $j = 6$

20. $12 - n = 1$
 $n = 11$

Solving Simple Linear Equations (E)

Name: _____

Date: _____

Score: _____

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

1. $s - 7 = 3$

2. $0 = 3 - p$

3. $6 = 17 - d$

4. $7 = 17 - v$

5. $5 - b = 5$

6. $2 = 4 - m$

7. $18 - r = 12$

8. $x - 4 = 5$

9. $12 = h - 3$

10. $j - 6 = 8$

11. $4 - t = 4$

12. $12 - y = 8$

13. $5 = c - 12$

14. $4 = 5 - w$

15. $14 - n = 9$

16. $0 = g - 7$

17. $14 - k = 12$

18. $f - 5 = 0$

19. $z - 9 = 1$

20. $0 = 0 - a$

Solving Simple Linear Equations (E) Answers

Name: _____

Date: _____

Score: _____

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

1. $s - 7 = 3$

$s = 10$

2. $0 = 3 - p$

$p = 3$

3. $6 = 17 - d$

$d = 11$

4. $7 = 17 - v$

$v = 10$

5. $5 - b = 5$

$b = 0$

6. $2 = 4 - m$

$m = 2$

7. $18 - r = 12$

$r = 6$

8. $x - 4 = 5$

$x = 9$

9. $12 = h - 3$

$h = 15$

10. $j - 6 = 8$

$j = 14$

11. $4 - t = 4$

$t = 0$

12. $12 - y = 8$

$y = 4$

13. $5 = c - 12$

$c = 17$

14. $4 = 5 - w$

$w = 1$

15. $14 - n = 9$

$n = 5$

16. $0 = g - 7$

$g = 7$

17. $14 - k = 12$

$k = 2$

18. $f - 5 = 0$

$f = 5$

19. $z - 9 = 1$

$z = 10$

20. $0 = 0 - a$

$a = \{x | x \neq 0\}$

Solving Simple Linear Equations (F)

Name: _____

Date: _____

Score: _____

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

1. $n - 1 = 1$

2. $r - 9 = 7$

3. $0 = c - 12$

4. $4 = x - 10$

5. $11 = d - 1$

6. $v - 12 = 8$

7. $11 = 18 - h$

8. $j - 4 = 5$

9. $10 = 21 - k$

10. $0 = 10 - g$

11. $16 - p = 6$

12. $3 - s = 3$

13. $3 = 6 - b$

14. $a - 3 = 8$

15. $5 = 8 - m$

16. $y - 2 = 3$

17. $14 - f = 4$

18. $6 = 12 - z$

19. $22 - w = 11$

20. $t - 11 = 3$

Solving Simple Linear Equations (F) Answers

Name: _____

Date: _____

Score: _____

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

1. $n - 1 = 1$

$n = 2$

2. $r - 9 = 7$

$r = 16$

3. $0 = c - 12$

$c = 12$

4. $4 = x - 10$

$x = 14$

5. $11 = d - 1$

$d = 12$

6. $v - 12 = 8$

$v = 20$

7. $11 = 18 - h$

$h = 7$

8. $j - 4 = 5$

$j = 9$

9. $10 = 21 - k$

$k = 11$

10. $0 = 10 - g$

$g = 10$

11. $16 - p = 6$

$p = 10$

12. $3 - s = 3$

$s = 0$

13. $3 = 6 - b$

$b = 3$

14. $a - 3 = 8$

$a = 11$

15. $5 = 8 - m$

$m = 3$

16. $y - 2 = 3$

$y = 5$

17. $14 - f = 4$

$f = 10$

18. $6 = 12 - z$

$z = 6$

19. $22 - w = 11$

$w = 11$

20. $t - 11 = 3$

$t = 14$

Solving Simple Linear Equations (G)

Name: _____

Date: _____

Score: _____

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

1. $20 - b = 12$

2. $x - 7 = 1$

3. $7 = g - 3$

4. $0 = 9 - n$

5. $8 - v = 8$

6. $2 - f = 0$

7. $k - 12 = 5$

8. $5 = 12 - t$

9. $m - 8 = 10$

10. $w - 3 = 0$

11. $8 = 20 - p$

12. $y - 4 = 9$

13. $7 = 18 - d$

14. $8 = 9 - r$

15. $1 = j - 4$

16. $c - 9 = 9$

17. $4 = h - 11$

18. $0 = 6 - s$

19. $18 - a = 6$

20. $12 - z = 7$

Solving Simple Linear Equations (G) Answers

Name: _____

Date: _____

Score: _____

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

1. $20 - b = 12$

$b = 8$

2. $x - 7 = 1$

$x = 8$

3. $7 = g - 3$

$g = 10$

4. $0 = 9 - n$

$n = 9$

5. $8 - v = 8$

$v = 0$

6. $2 - f = 0$

$f = 2$

7. $k - 12 = 5$

$k = 17$

8. $5 = 12 - t$

$t = 7$

9. $m - 8 = 10$

$m = 18$

10. $w - 3 = 0$

$w = 3$

11. $8 = 20 - p$

$p = 12$

12. $y - 4 = 9$

$y = 13$

13. $7 = 18 - d$

$d = 11$

14. $8 = 9 - r$

$r = 1$

15. $1 = j - 4$

$j = 5$

16. $c - 9 = 9$

$c = 18$

17. $4 = h - 11$

$h = 15$

18. $0 = 6 - s$

$s = 6$

19. $18 - a = 6$

$a = 12$

20. $12 - z = 7$

$z = 5$

Solving Simple Linear Equations (H)

Name: _____

Date: _____

Score: _____

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

1. $21 - f = 11$

2. $10 = 13 - s$

3. $v - 7 = 10$

4. $0 = 2 - w$

5. $1 = t - 11$

6. $4 = 4 - y$

7. $4 = 7 - j$

8. $9 - n = 1$

9. $21 - h = 9$

10. $12 = p - 1$

11. $10 = a - 4$

12. $5 = k - 8$

13. $7 = 8 - r$

14. $c - 9 = 9$

15. $6 = b - 12$

16. $d - 9 = 5$

17. $2 = 5 - m$

18. $8 = x - 7$

19. $0 - g = 0$

20. $24 - z = 12$

Solving Simple Linear Equations (H) Answers

Name: _____

Date: _____

Score: _____

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

1. $21 - f = 11$

$f = 10$

2. $10 = 13 - s$

$s = 3$

3. $v - 7 = 10$

$v = 17$

4. $0 = 2 - w$

$w = 2$

5. $1 = t - 11$

$t = 12$

6. $4 = 4 - y$

$y = 0$

7. $4 = 7 - j$

$j = 3$

8. $9 - n = 1$

$n = 8$

9. $21 - h = 9$

$h = 12$

10. $12 = p - 1$

$p = 13$

11. $10 = a - 4$

$a = 14$

12. $5 = k - 8$

$k = 13$

13. $7 = 8 - r$

$r = 1$

14. $c - 9 = 9$

$c = 18$

15. $6 = b - 12$

$b = 18$

16. $d - 9 = 5$

$d = 14$

17. $2 = 5 - m$

$m = 3$

18. $8 = x - 7$

$x = 15$

19. $0 - g = 0$

$g = \{x | x \neq 0\}$

20. $24 - z = 12$

$z = 12$

Solving Simple Linear Equations (I)

Name: _____

Date: _____

Score: _____

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

1. $3 = p - 3$

2. $n - 9 = 4$

3. $m - 7 = 1$

4. $1 = z - 12$

5. $12 = 14 - c$

6. $6 = v - 7$

7. $10 = 17 - b$

8. $x - 8 = 8$

9. $w - 4 = 2$

10. $8 = 9 - h$

11. $5 - r = 0$

12. $12 - g = 12$

13. $8 - a = 7$

14. $12 - t = 5$

15. $8 - j = 0$

16. $9 = d - 1$

17. $8 = 17 - s$

18. $2 = k - 0$

19. $12 = y - 10$

20. $10 = f - 12$

Solving Simple Linear Equations (I) Answers

Name: _____

Date: _____

Score: _____

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

1. $3 = p - 3$

$p = 6$

2. $n - 9 = 4$

$n = 13$

3. $m - 7 = 1$

$m = 8$

4. $1 = z - 12$

$z = 13$

5. $12 = 14 - c$

$c = 2$

6. $6 = v - 7$

$v = 13$

7. $10 = 17 - b$

$b = 7$

8. $x - 8 = 8$

$x = 16$

9. $w - 4 = 2$

$w = 6$

10. $8 = 9 - h$

$h = 1$

11. $5 - r = 0$

$r = 5$

12. $12 - g = 12$

$g = 0$

13. $8 - a = 7$

$a = 1$

14. $12 - t = 5$

$t = 7$

15. $8 - j = 0$

$j = 8$

16. $9 = d - 1$

$d = 10$

17. $8 = 17 - s$

$s = 9$

18. $2 = k - 0$

$k = 2$

19. $12 = y - 10$

$y = 22$

20. $10 = f - 12$

$f = 22$

Solving Simple Linear Equations (J)

Name: _____

Date: _____

Score: _____

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

1. $4 = 15 - t$

2. $2 = j - 3$

3. $4 = h - 7$

4. $5 = v - 4$

5. $2 - m = 0$

6. $d - 7 = 2$

7. $4 = 4 - b$

8. $2 = 3 - r$

9. $5 = 10 - a$

10. $s - 11 = 8$

11. $7 = p - 11$

12. $w - 3 = 10$

13. $6 = 14 - k$

14. $g - 5 = 5$

15. $10 = 22 - z$

16. $16 - f = 8$

17. $10 = n - 10$

18. $0 = c - 11$

19. $16 - x = 7$

20. $y - 0 = 4$

Solving Simple Linear Equations (J) Answers

Name: _____

Date: _____

Score: _____

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

1. $4 = 15 - t$

$t = 11$

2. $2 = j - 3$

$j = 5$

3. $4 = h - 7$

$h = 11$

4. $5 = v - 4$

$v = 9$

5. $2 - m = 0$

$m = 2$

6. $d - 7 = 2$

$d = 9$

7. $4 = 4 - b$

$b = 0$

8. $2 = 3 - r$

$r = 1$

9. $5 = 10 - a$

$a = 5$

10. $s - 11 = 8$

$s = 19$

11. $7 = p - 11$

$p = 18$

12. $w - 3 = 10$

$w = 13$

13. $6 = 14 - k$

$k = 8$

14. $g - 5 = 5$

$g = 10$

15. $10 = 22 - z$

$z = 12$

16. $16 - f = 8$

$f = 8$

17. $10 = n - 10$

$n = 20$

18. $0 = c - 11$

$c = 11$

19. $16 - x = 7$

$x = 9$

20. $y - 0 = 4$

$y = 4$