Solving Simple Linear Equations (A)

Name: _____ Date: _____ Score: _____

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

1. $m = 8 \times 1$
2. $8 - 2 = v$
3. $j = 48 \div 8$
4. $24 = 8 \times k$
5. $2 = 6 - a$
6. $15 - r = 9$
7. $w = 6 \times 5$
8. $5 \div 5 = t$
9. $13 - x = 5$
10. $2 = 8 - f$
11. $35 = 7 \times n$
12. $5 \times s = 10$
13. $7 \times p = 21$
14. $h = 6 \times 4$
15. $6 \times y = 6$
16. $5 \times b = 25$
17. $9 \times 1 = c$
18. $z = 12 \div 6$
19. $6 \times g = 12$
20. $d + 8 = 15$

Solving Simple Linear Equations (A) Answers

Name: _____ Date: _____ Score: _____

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

1. $m = 8 \times 1$
   $m = 8$

2. $8 - 2 = v$
   $v = 6$

3. $j = 48 \div 8$
   $j = 6$

4. $24 = 8 \times k$
   $k = 3$

5. $2 = 6 - a$
   $a = 4$

6. $15 - r = 9$
   $r = 6$

7. $w = 6 \times 5$
   $w = 30$

8. $5 \div 5 = t$
   $t = 1$

9. $13 - x = 5$
   $x = 8$

10. $2 = 8 - f$
    $f = 6$

11. $35 = 7 \times n$
    $n = 5$

12. $5 \times s = 10$
    $s = 2$

13. $7 \times p = 21$
    $p = 3$

14. $h = 6 \times 4$
    $h = 24$

15. $6 \times y = 6$
    $y = 1$

16. $5 \times b = 25$
    $b = 5$

17. $9 \times 1 = c$
    $c = 9$

18. $z = 12 \div 6$
    $z = 2$

19. $6 \times g = 12$
    $g = 2$

20. $d + 8 = 15$
    $d = 7$

Solving Simple Linear Equations (B)

Name: _____ Date: _____ Score: _____

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

1. $j - 7 = 9$
2. $z = 10 - 7$
3. $54 \div p = 6$
4. $g \times 7 = 28$
5. $1 + 1 = w$
6. $6 \times 5 = k$
7. $s - 8 = 9$
8. $12 = 9 + h$
9. $a - 2 = 9$
10. $t = 9 + 5$
11. $14 - 9 = x$
12. $25 = 5 \times d$
13. $35 \div 5 = c$
14. $n = 6 - 5$
15. $y = 11 - 6$
16. $m = 3 + 5$
17. $18 = 2 \times r$
18. $9 + 2 = f$
19. $1 = 7 - v$
20. $5 - b = 1$

Solving Simple Linear Equations (B) Answers

Name: _____ Date: _____ Score: _____

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

1. $j - 7 = 9$
   $j = 16$

2. $z = 10 - 7$
   $z = 3$

3. $54 \div p = 6$
   $p = 9$

4. $g \times 7 = 28$
   $g = 4$

5. $1 + 1 = w$
   $w = 2$

6. $6 \times 5 = k$
   $k = 30$

7. $s - 8 = 9$
   $s = 17$

8. $12 = 9 + h$
   $h = 3$

9. $a - 2 = 9$
   $a = 11$

10. $t = 9 + 5$
    $t = 14$

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

12. $25 = 5 \times d$
    $d = 5$

13. $35 \div 5 = c$
    $c = 7$

14. $n = 6 - 5$
    $n = 1$

15. $y = 11 - 6$
    $y = 5$

16. $m = 3 + 5$
    $m = 8$

17. $18 = 2 \times r$
    $r = 9$

18. $9 + 2 = f$
    $f = 11$

19. $1 = 7 - v$
    $v = 6$

20. $5 - b = 1$
    $b = 4$

Solving Simple Linear Equations (C)

Name: _____ Date: _____ Score: _____

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

1. $27 = s \times 3$
2. $a = 12 - 6$
3. $17 - k = 9$
4. $7 = p + 6$
5. $18 \div 3 = x$
6. $11 - w = 4$
7. $3 = j \div 3$
8. $7 = 11 - f$
9. $2 \times g = 4$
10. $7 = 7 \div d$
11. $6 = 4 + h$
12. $b \times 3 = 12$
13. $9 = 1 + y$
14. $4 = c - 4$
15. $v = 21 \div 3$
16. $n + 5 = 11$
17. $r = 5 - 1$
18. $8 = m - 3$
19. $8 = 4 + z$
20. $72 = 9 \times t$

Solving Simple Linear Equations (C) Answers

Name: _____ Date: _____ Score: _____

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

1. $27 = s \times 3$
   $s = 9$

2. $a = 12 - 6$
   $a = 6$

3. $17 - k = 9$
   $k = 8$

4. $7 = p + 6$
   $p = 1$

5. $18 \div 3 = x$
   $x = 6$

6. $11 - w = 4$
   $w = 7$

7. $3 = j \div 3$
   $j = 9$

8. $7 = 11 - f$
   $f = 4$

9. $2 \times g = 4$
   $g = 2$

10. $7 = 7 \div d$
    $d = 1$

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

12. $b \times 3 = 12$
    $b = 4$

13. $9 = 1 + y$
    $y = 8$

14. $4 = c - 4$
    $c = 8$

15. $v = 21 \div 3$
    $v = 7$

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

17. $r = 5 - 1$
    $r = 4$

18. $8 = m - 3$
    $m = 11$

19. $8 = 4 + z$
    $z = 4$

20. $72 = 9 \times t$
    $t = 8$

Solving Simple Linear Equations (D)

Name: _____ Date: _____ Score: _____

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

1. $7 = a + 4$
2. $10 = w + 6$
3. $g \div 3 = 9$
4. $10 = z + 4$
5. $p = 3 - 2$
6. $5 = 30 \div d$
7. $h + 7 = 11$
8. $9 - 6 = j$
9. $5 \times v = 45$
10. $4 = 2 + m$
11. $8 = n \times 2$
12. $r + 9 = 11$
13. $f - 3 = 2$
14. $14 \div c = 2$
15. $64 \div 8 = k$
16. $y \times 9 = 54$
17. $b \div 3 = 3$
18. $3 = t \div 1$
19. $16 = x + 9$
20. $2 - s = 1$

Solving Simple Linear Equations (D) Answers

Name: _____ Date: _____ Score: _____

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

1. $7 = a + 4$
   $a = 3$

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

3. $g \div 3 = 9$
   $g = 27$

4. $10 = z + 4$
   $z = 6$

5. $p = 3 - 2$
   $p = 1$

6. $5 = 30 \div d$
   $d = 6$

7. $h + 7 = 11$
   $h = 4$

8. $9 - 6 = j$
   $j = 3$

9. $5 \times v = 45$
   $v = 9$

10. $4 = 2 + m$
    $m = 2$

11. $8 = n \times 2$
    $n = 4$

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

13. $f - 3 = 2$
    $f = 5$

14. $14 \div c = 2$
    $c = 7$

15. $64 \div 8 = k$
    $k = 8$

16. $y \times 9 = 54$
    $y = 6$

17. $b \div 3 = 3$
    $b = 9$

18. $3 = t \div 1$
    $t = 3$

19. $16 = x + 9$
    $x = 7$

20. $2 - s = 1$
    $s = 1$

Solving Simple Linear Equations (E)

Name: _____ Date: _____ Score: _____

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

1. $w = 40 \div 5$
2. $4 + 8 = c$
3. $6 = t \div 5$
4. $14 \div h = 2$
5. $f \times 6 = 54$
6. $d - 6 = 7$
7. $7 \div m = 1$
8. $z = 8 + 5$
9. $16 = y \times 2$
10. $5 \div k = 1$
11. $28 = s \times 7$
12. $n \div 9 = 8$
13. $14 = 5 + v$
14. $p = 6 + 7$
15. $35 \div b = 7$
16. $2 = 9 - j$
17. $7 = 10 - x$
18. $9 = a + 8$
19. $28 \div 7 = g$
20. $2 = r - 4$

Solving Simple Linear Equations (E) Answers

Name: _____ Date: _____ Score: _____

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

1. $w = 40 \div 5$
   $w = 8$

2. $4 + 8 = c$
   $c = 12$

3. $6 = t \div 5$
   $t = 30$

4. $14 \div h = 2$
   $h = 7$

5. $f \times 6 = 54$
   $f = 9$

6. $d - 6 = 7$
   $d = 13$

7. $7 \div m = 1$
   $m = 7$

8. $z = 8 + 5$
   $z = 13$

9. $16 = y \times 2$
   $y = 8$

10. $5 \div k = 1$
    $k = 5$

11. $28 = s \times 7$
    $s = 4$

12. $n \div 9 = 8$
    $n = 72$

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

14. $p = 6 + 7$
    $p = 13$

15. $35 \div b = 7$
    $b = 5$

16. $2 = 9 - j$
    $j = 7$

17. $7 = 10 - x$
    $x = 3$

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

19. $28 \div 7 = g$
    $g = 4$

20. $2 = r - 4$
    $r = 6$

Solving Simple Linear Equations (F)

Name: _____ Date: _____ Score: _____

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

1. $6 = z - 5$
2. $12 = p + 4$
3. $63 \div v = 9$
4. $8 = j - 1$
5. $18 - n = 9$
6. $3 \times 9 = g$
7. $m \times 8 = 72$
8. $b - 1 = 1$
9. $27 = 9 \times s$
10. $11 = h + 9$
11. $16 = 9 + a$
12. $9 \times c = 45$
13. $7 - 1 = d$
14. $14 - 8 = t$
15. $9 = 3 + y$
16. $k \div 4 = 5$
17. $8 = 40 \div x$
18. $f - 4 = 3$
19. $r = 8 - 4$
20. $18 = 9 + w$

Solving Simple Linear Equations (F) Answers

Name: _____ Date: _____ Score: _____

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

1. $6 = z - 5$
   $z = 11$

2. $12 = p + 4$
   $p = 8$

3. $63 \div v = 9$
   $v = 7$

4. $8 = j - 1$
   $j = 9$

5. $18 - n = 9$
   $n = 9$

6. $3 \times 9 = g$
   $g = 27$

7. $m \times 8 = 72$
   $m = 9$

8. $b - 1 = 1$
   $b = 2$

9. $27 = 9 \times s$
   $s = 3$

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

11. $16 = 9 + a$
    $a = 7$

12. $9 \times c = 45$
    $c = 5$

13. $7 - 1 = d$
    $d = 6$

14. $14 - 8 = t$
    $t = 6$

15. $9 = 3 + y$
    $y = 6$

16. $k \div 4 = 5$
    $k = 20$

17. $8 = 40 \div x$
    $x = 5$

18. $f - 4 = 3$
    $f = 7$

19. $r = 8 - 4$
    $r = 4$

20. $18 = 9 + w$
    $w = 9$

Solving Simple Linear Equations (G)

Name: _____ Date: _____ Score: _____

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

1. $64 \div p = 8$
2. $8 + 9 = x$
3. $y = 5 \times 3$
4. $35 \div 5 = g$
5. $56 \div 8 = j$
6. $28 = f \times 4$
7. $9 = r + 3$
8. $6 = b - 5$
9. $3 \times 5 = k$
10. $h = 10 - 7$
11. $16 - s = 7$
12. $10 - 3 = n$
13. $5 = c \div 7$
14. $w = 9 \times 4$
15. $m = 2 + 2$
16. $v \div 7 = 8$
17. $16 = 8 \times d$
18. $t = 2 \div 2$
19. $11 - 9 = z$
20. $13 = 9 + a$

Solving Simple Linear Equations (G) Answers

Name: _____ Date: _____ Score: _____

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

1. $64 \div p = 8$
   $p = 8$

2. $8 + 9 = x$
   $x = 17$

3. $y = 5 \times 3$
   $y = 15$

4. $35 \div 5 = g$
   $g = 7$

5. $56 \div 8 = j$
   $j = 7$

6. $28 = f \times 4$
   $f = 7$

7. $9 = r + 3$
   $r = 6$

8. $6 = b - 5$
   $b = 11$

9. $3 \times 5 = k$
   $k = 15$

10. $h = 10 - 7$
    $h = 3$

11. $16 - s = 7$
    $s = 9$

12. $10 - 3 = n$
    $n = 7$

13. $5 = c \div 7$
    $c = 35$

14. $w = 9 \times 4$
    $w = 36$

15. $m = 2 + 2$
    $m = 4$

16. $v \div 7 = 8$
    $v = 56$

17. $16 = 8 \times d$
    $d = 2$

18. $t = 2 \div 2$
    $t = 1$

19. $11 - 9 = z$
    $z = 2$

20. $13 = 9 + a$
    $a = 4$

Solving Simple Linear Equations (H)

Name: _____ Date: _____ Score: _____

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

1. $36 = 6 \times j$
2. $6 - 5 = c$
3. $7 \times a = 35$
4. $9 - f = 8$
5. $8 = 32 \div t$
6. $5 = y + 1$
7. $12 - 9 = r$
8. $7 = 8 - d$
9. $2 = 11 - s$
10. $6 \times 8 = h$
11. $1 = m - 8$
12. $x \div 4 = 5$
13. $p \times 7 = 49$
14. $4 = v - 8$
15. $2 = 6 \div n$
16. $3 + 2 = w$
17. $9 = b + 7$
18. $14 - 7 = g$
19. $15 = k + 9$
20. $5 + 6 = z$

Solving Simple Linear Equations (H) Answers

Name: _____ Date: _____ Score: _____

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

1. $36 = 6 \times j$
   $j = 6$

2. $6 - 5 = c$
   $c = 1$

3. $7 \times a = 35$
   $a = 5$

4. $9 - f = 8$
   $f = 1$

5. $8 = 32 \div t$
   $t = 4$

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

7. $12 - 9 = r$
   $r = 3$

8. $7 = 8 - d$
   $d = 1$

9. $2 = 11 - s$
   $s = 9$

10. $6 \times 8 = h$
    $h = 48$

11. $1 = m - 8$
    $m = 9$

12. $x \div 4 = 5$
    $x = 20$

13. $p \times 7 = 49$
    $p = 7$

14. $4 = v - 8$
    $v = 12$

15. $2 = 6 \div n$
    $n = 3$

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

17. $9 = b + 7$
    $b = 2$

18. $14 - 7 = g$
    $g = 7$

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

20. $5 + 6 = z$
    $z = 11$

Solving Simple Linear Equations (I)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (I) Answers

Name: _____ Date: _____ Score: _____

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

1. $9 = g \div 8$
   $g = 72$

2. $10 = b + 8$
   $b = 2$

3. $8 + 6 = w$
   $w = 14$

4. $8 = s - 3$
   $s = 11$

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

6. $z + 2 = 6$
   $z = 4$

7. $1 \times 1 = h$
   $h = 1$

8. $4 \times 7 = j$
   $j = 28$

9. $10 - 4 = t$
   $t = 6$

10. $c = 4 \div 1$
    $c = 4$

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

12. $5 = 6 - d$
    $d = 1$

13. $12 \div 6 = y$
    $y = 2$

14. $1 = 4 \div r$
    $r = 4$

15. $7 = f \div 6$
    $f = 42$

16. $14 = 7 \times p$
    $p = 2$

17. $9 = 4 + v$
    $v = 5$

18. $n - 9 = 8$
    $n = 17$

19. $5 \times a = 30$
    $a = 6$

20. $11 - 5 = k$
    $k = 6$

Solving Simple Linear Equations (J)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (J) Answers

Name: _____ Date: _____ Score: _____

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

1. $6 = c \div 9$
   $c = 54$

2. $4 = n - 9$
   $n = 13$

3. $d - 6 = 2$
   $d = 8$

4. $8 = w \times 8$
   $w = 1$

5. $t - 2 = 1$
   $t = 3$

6. $11 - 3 = g$
   $g = 8$

7. $1 + s = 7$
   $s = 6$

8. $f - 1 = 7$
   $f = 8$

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

10. $2 = 7 - p$
    $p = 5$

11. $5 = 5 \div x$
    $x = 1$

12. $5 + 9 = k$
    $k = 14$

13. $j = 12 \div 4$
    $j = 3$

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

15. $6 - z = 5$
    $z = 1$

16. $y - 2 = 6$
    $y = 8$

17. $b = 18 \div 9$
    $b = 2$

18. $v = 36 \div 6$
    $v = 6$

19. $8 \div a = 8$
    $a = 1$

20. $6 + 2 = r$
    $r = 8$