Solving Simple Linear Equations (A)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (A) Answers

Name: _____ Date: _____ Score: _____

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

1. $11 = 7 + f$
   $f = 4$

2. $s \div 7 = 7$
   $s = 49$

3. $b \div 5 = 3$
   $b = 15$

4. $2 = h \div 9$
   $h = 18$

5. $6 - a = 5$
   $a = 1$

6. $13 - w = 7$
   $w = 6$

7. $n \div 1 = 4$
   $n = 4$

8. $z - 8 = 8$
   $z = 16$

9. $2 + y = 6$
   $y = 4$

10. $9 - v = 8$
    $v = 1$

11. $8 \times j = 56$
    $j = 7$

12. $g \times 8 = 56$
    $g = 7$

13. $12 = t + 4$
    $t = 8$

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

15. $m \div 1 = 9$
    $m = 9$

16. $3 \times r = 12$
    $r = 4$

17. $d + 7 = 8$
    $d = 1$

18. $28 \div k = 4$
    $k = 7$

19. $4 = 8 - p$
    $p = 4$

20. $7 + x = 8$
    $x = 1$

Solving Simple Linear Equations (B)

Name: _____ Date: _____ Score: _____

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

1. $9 = 54 \div a$
2. $j + 9 = 18$
3. $48 \div b = 8$
4. $7 \times d = 28$
5. $6 \times t = 18$
6. $5 + s = 9$
7. $16 = 2 \times k$
8. $30 \div c = 6$
9. $12 = 9 + h$
10. $1 = g \div 9$
11. $y \div 4 = 1$
12. $n \times 5 = 5$
13. $5 = 10 - p$
14. $10 = w + 2$
15. $5 + f = 11$
16. $7 = 1 + m$
17. $5 = r - 4$
18. $9 \div v = 3$
19. $z + 7 = 10$
20. $x \times 3 = 15$

Solving Simple Linear Equations (B) Answers

Name: _____ Date: _____ Score: _____

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

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

2. $j + 9 = 18$
   $j = 9$

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

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

5. $6 \times t = 18$
   $t = 3$

6. $5 + s = 9$
   $s = 4$

7. $16 = 2 \times k$
   $k = 8$

8. $30 \div c = 6$
   $c = 5$

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

10. $1 = g \div 9$
    $g = 9$

11. $y \div 4 = 1$
    $y = 4$

12. $n \times 5 = 5$
    $n = 1$

13. $5 = 10 - p$
    $p = 5$

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

15. $5 + f = 11$
    $f = 6$

16. $7 = 1 + m$
    $m = 6$

17. $5 = r - 4$
    $r = 9$

18. $9 \div v = 3$
    $v = 3$

19. $z + 7 = 10$
    $z = 3$

20. $x \times 3 = 15$
    $x = 5$

Solving Simple Linear Equations (C)

Name: _____ Date: _____ Score: _____

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

1. $45 = d \times 9$
2. $7 = a - 4$
3. $8 = 2 \times f$
4. $7 = 14 - b$
5. $10 = v + 6$
6. $2 + g = 6$
7. $h \div 1 = 1$
8. $3 = 18 \div r$
9. $5 = p - 1$
10. $7 = t + 2$
11. $5 = s \div 2$
12. $30 \div j = 6$
13. $3 = k \div 4$
14. $z - 2 = 5$
15. $72 = m \times 8$
16. $4 = 20 \div w$
17. $x \div 4 = 8$
18. $9 = c \times 9$
19. $42 = y \times 7$
20. $5 = n + 1$

Solving Simple Linear Equations (C) Answers

Name: _____ Date: _____ Score: _____

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

1. $45 = d \times 9$
   $d = 5$

2. $7 = a - 4$
   $a = 11$

3. $8 = 2 \times f$
   $f = 4$

4. $7 = 14 - b$
   $b = 7$

5. $10 = v + 6$
   $v = 4$

6. $2 + g = 6$
   $g = 4$

7. $h \div 1 = 1$
   $h = 1$

8. $3 = 18 \div r$
   $r = 6$

9. $5 = p - 1$
   $p = 6$

10. $7 = t + 2$
    $t = 5$

11. $5 = s \div 2$
    $s = 10$

12. $30 \div j = 6$
    $j = 5$

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

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

15. $72 = m \times 8$
    $m = 9$

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

17. $x \div 4 = 8$
    $x = 32$

18. $9 = c \times 9$
    $c = 1$

19. $42 = y \times 7$
    $y = 6$

20. $5 = n + 1$
    $n = 4$

Solving Simple Linear Equations (D)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (D) Answers

Name: _____ Date: _____ Score: _____

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

1. $6 = j - 6$
   $j = 12$

2. $9 = s \div 3$
   $s = 27$

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

4. $2 + a = 6$
   $a = 4$

5. $2 \times x = 14$
   $x = 7$

6. $7 = n - 6$
   $n = 13$

7. $9 = h - 4$
   $h = 13$

8. $4 = 6 - t$
   $t = 2$

9. $8 = v \div 8$
   $v = 64$

10. $10 = g + 2$
    $g = 8$

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

12. $15 = r + 9$
    $r = 6$

13. $27 \div c = 9$
    $c = 3$

14. $15 - y = 6$
    $y = 9$

15. $4 + f = 11$
    $f = 7$

16. $1 + d = 5$
    $d = 4$

17. $b + 3 = 10$
    $b = 7$

18. $w + 5 = 7$
    $w = 2$

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

20. $1 \times k = 5$
    $k = 5$

Solving Simple Linear Equations (E)

Name: _____ Date: _____ Score: _____

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

1. $8 + r = 11$
2. $11 - j = 9$
3. $12 = k \times 2$
4. $27 = t \times 9$
5. $1 \times b = 8$
6. $3 = f \div 8$
7. $h \times 7 = 14$
8. $n \times 7 = 56$
9. $p \div 9 = 4$
10. $8 = 11 - y$
11. $9 + g = 17$
12. $6 = c \div 7$
13. $1 \times z = 2$
14. $6 = 14 - w$
15. $v \div 8 = 5$
16. $2 = 4 \div x$
17. $4 - s = 3$
18. $3 = 21 \div a$
19. $d + 5 = 9$
20. $13 - m = 4$

Solving Simple Linear Equations (E) Answers

Name: _____ Date: _____ Score: _____

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

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

2. $11 - j = 9$
   $j = 2$

3. $12 = k \times 2$
   $k = 6$

4. $27 = t \times 9$
   $t = 3$

5. $1 \times b = 8$
   $b = 8$

6. $3 = f \div 8$
   $f = 24$

7. $h \times 7 = 14$
   $h = 2$

8. $n \times 7 = 56$
   $n = 8$

9. $p \div 9 = 4$
   $p = 36$

10. $8 = 11 - y$
    $y = 3$

11. $9 + g = 17$
    $g = 8$

12. $6 = c \div 7$
    $c = 42$

13. $1 \times z = 2$
    $z = 2$

14. $6 = 14 - w$
    $w = 8$

15. $v \div 8 = 5$
    $v = 40$

16. $2 = 4 \div x$
    $x = 2$

17. $4 - s = 3$
    $s = 1$

18. $3 = 21 \div a$
    $a = 7$

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

20. $13 - m = 4$
    $m = 9$

Solving Simple Linear Equations (F)

Name: _____ Date: _____ Score: _____

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

1. $8 \div a = 8$
2. $16 = n + 7$
3. $1 \times h = 5$
4. $9 - m = 6$
5. $b \times 4 = 8$
6. $14 = c + 7$
7. $t \div 9 = 5$
8. $f \times 4 = 16$
9. $1 = 7 \div g$
10. $4 + z = 7$
11. $20 \div s = 4$
12. $8 \times v = 32$
13. $j \times 6 = 48$
14. $y - 6 = 2$
15. $28 = 4 \times x$
16. $3 = 12 - r$
17. $p + 1 = 4$
18. $3 = 15 \div k$
19. $w + 8 = 17$
20. $8 = d \div 9$

Solving Simple Linear Equations (F) Answers

Name: _____ Date: _____ Score: _____

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

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

2. $16 = n + 7$
   $n = 9$

3. $1 \times h = 5$
   $h = 5$

4. $9 - m = 6$
   $m = 3$

5. $b \times 4 = 8$
   $b = 2$

6. $14 = c + 7$
   $c = 7$

7. $t \div 9 = 5$
   $t = 45$

8. $f \times 4 = 16$
   $f = 4$

9. $1 = 7 \div g$
   $g = 7$

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

11. $20 \div s = 4$
    $s = 5$

12. $8 \times v = 32$
    $v = 4$

13. $j \times 6 = 48$
    $j = 8$

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

15. $28 = 4 \times x$
    $x = 7$

16. $3 = 12 - r$
    $r = 9$

17. $p + 1 = 4$
    $p = 3$

18. $3 = 15 \div k$
    $k = 5$

19. $w + 8 = 17$
    $w = 9$

20. $8 = d \div 9$
    $d = 72$

Solving Simple Linear Equations (G)

Name: _____ Date: _____ Score: _____

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

1. $y \div 9 = 9$
2. $14 = 5 + w$
3. $10 = b + 1$
4. $18 = g \times 2$
5. $c \times 2 = 10$
6. $2 = k \div 1$
7. $4 = 28 \div t$
8. $9 = v + 5$
9. $j - 2 = 7$
10. $8 \times z = 48$
11. $3 + p = 6$
12. $18 = n \times 3$
13. $4 = 5 - h$
14. $d \times 6 = 18$
15. $4 = 20 \div r$
16. $3 = x - 2$
17. $5 = 13 - s$
18. $17 = a + 9$
19. $12 = 4 \times m$
20. $35 = f \times 7$

Solving Simple Linear Equations (G) Answers

Name: _____ Date: _____ Score: _____

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

1. $y \div 9 = 9$
   $y = 81$

2. $14 = 5 + w$
   $w = 9$

3. $10 = b + 1$
   $b = 9$

4. $18 = g \times 2$
   $g = 9$

5. $c \times 2 = 10$
   $c = 5$

6. $2 = k \div 1$
   $k = 2$

7. $4 = 28 \div t$
   $t = 7$

8. $9 = v + 5$
   $v = 4$

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

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

11. $3 + p = 6$
    $p = 3$

12. $18 = n \times 3$
    $n = 6$

13. $4 = 5 - h$
    $h = 1$

14. $d \times 6 = 18$
    $d = 3$

15. $4 = 20 \div r$
    $r = 5$

16. $3 = x - 2$
    $x = 5$

17. $5 = 13 - s$
    $s = 8$

18. $17 = a + 9$
    $a = 8$

19. $12 = 4 \times m$
    $m = 3$

20. $35 = f \times 7$
    $f = 5$

Solving Simple Linear Equations (H)

Name: _____ Date: _____ Score: _____

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

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

Solving Simple Linear Equations (H) Answers

Name: _____ Date: _____ Score: _____

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

1. $k \div 1 = 2$
   $k = 2$

2. $14 = 7 + a$
   $a = 7$

3. $4 = s \div 9$
   $s = 36$

4. $11 = 7 + d$
   $d = 4$

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

6. $1 = y - 2$
   $y = 3$

7. $1 = 8 \div h$
   $h = 8$

8. $f - 3 = 7$
   $f = 10$

9. $8 + w = 11$
   $w = 3$

10. $8 = c + 3$
    $c = 5$

11. $18 = 3 \times g$
    $g = 6$

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

13. $9 + b = 12$
    $b = 3$

14. $v \times 6 = 30$
    $v = 5$

15. $p - 6 = 4$
    $p = 10$

16. $x - 3 = 6$
    $x = 9$

17. $1 = 2 \div j$
    $j = 2$

18. $r + 2 = 6$
    $r = 4$

19. $5 = 15 \div t$
    $t = 3$

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

Solving Simple Linear Equations (I)

Name: _____ Date: _____ Score: _____

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

1. $28 \div v = 7$
2. $h \times 8 = 48$
3. $72 \div y = 8$
4. $b \div 1 = 6$
5. $8 = c - 1$
6. $5 = n - 2$
7. $8 = z \div 6$
8. $6 = 36 \div x$
9. $w - 3 = 3$
10. $3 = 12 - r$
11. $9 = 3 \times k$
12. $d \div 9 = 4$
13. $6 = m - 6$
14. $63 = 9 \times s$
15. $7 \times t = 7$
16. $13 = g + 7$
17. $5 \times a = 5$
18. $6 \div j = 2$
19. $8 = p - 5$
20. $4 = f \div 6$

Solving Simple Linear Equations (I) Answers

Name: _____ Date: _____ Score: _____

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

1. $28 \div v = 7$
   $v = 4$

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

3. $72 \div y = 8$
   $y = 9$

4. $b \div 1 = 6$
   $b = 6$

5. $8 = c - 1$
   $c = 9$

6. $5 = n - 2$
   $n = 7$

7. $8 = z \div 6$
   $z = 48$

8. $6 = 36 \div x$
   $x = 6$

9. $w - 3 = 3$
   $w = 6$

10. $3 = 12 - r$
    $r = 9$

11. $9 = 3 \times k$
    $k = 3$

12. $d \div 9 = 4$
    $d = 36$

13. $6 = m - 6$
    $m = 12$

14. $63 = 9 \times s$
    $s = 7$

15. $7 \times t = 7$
    $t = 1$

16. $13 = g + 7$
    $g = 6$

17. $5 \times a = 5$
    $a = 1$

18. $6 \div j = 2$
    $j = 3$

19. $8 = p - 5$
    $p = 13$

20. $4 = f \div 6$
    $f = 24$

Solving Simple Linear Equations (J)

Name: _____ Date: _____ Score: _____

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

1. $72 = 8 \times h$
2. $t + 3 = 10$
3. $z - 8 = 1$
4. $5 = j \div 8$
5. $6 + r = 7$
6. $x + 7 = 12$
7. $2 = 1 + d$
8. $w + 6 = 7$
9. $p \times 7 = 21$
10. $3 \div m = 1$
11. $11 = 9 + c$
12. $6 + b = 14$
13. $8 - a = 5$
14. $40 \div k = 5$
15. $f \times 1 = 3$
16. $n + 4 = 13$
17. $3 \times v = 15$
18. $2 = 8 \div y$
19. $s \times 9 = 54$
20. $g \times 6 = 18$

Solving Simple Linear Equations (J) Answers

Name: _____ Date: _____ Score: _____

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

1. $72 = 8 \times h$
   $h = 9$

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

3. $z - 8 = 1$
   $z = 9$

4. $5 = j \div 8$
   $j = 40$

5. $6 + r = 7$
   $r = 1$

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

7. $2 = 1 + d$
   $d = 1$

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

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

10. $3 \div m = 1$
    $m = 3$

11. $11 = 9 + c$
    $c = 2$

12. $6 + b = 14$
    $b = 8$

13. $8 - a = 5$
    $a = 3$

14. $40 \div k = 5$
    $k = 8$

15. $f \times 1 = 3$
    $f = 3$

16. $n + 4 = 13$
    $n = 9$

17. $3 \times v = 15$
    $v = 5$

18. $2 = 8 \div y$
    $y = 4$

19. $s \times 9 = 54$
    $s = 6$

20. $g \times 6 = 18$
    $g = 3$