

Simple Linear Equations (A)

Solve for each variable.

1. $6z = -54$

6. $5c = -50$

11. $-2x = -2$

2. $6a = 30$

7. $8b = 8$

12. $5y = -40$

3. $9x = -90$

8. $-4a = -20$

13. $9b = -27$

4. $2a = -14$

9. $-5c = 40$

14. $7v = 35$

5. $7y = -7$

10. $-8b = 72$

15. $-9z = 45$

Simple Linear Equations (A) Answers

Solve for each variable.

1. $6z = -54$
 $z = -9$

6. $5c = -50$
 $c = -10$

11. $-2x = -2$
 $x = 1$

2. $6a = 30$
 $a = 5$

7. $8b = 8$
 $b = 1$

12. $5y = -40$
 $y = -8$

3. $9x = -90$
 $x = -10$

8. $-4a = -20$
 $a = 5$

13. $9b = -27$
 $b = -3$

4. $2a = -14$
 $a = -7$

9. $-5c = 40$
 $c = -8$

14. $7v = 35$
 $v = 5$

5. $7y = -7$
 $y = -1$

10. $-8b = 72$
 $b = -9$

15. $-9z = 45$
 $z = -5$

Simple Linear Equations (B)

Solve for each variable.

1. $3x = 9$

6. $9z = 9$

11. $6x = 6$

2. $3a = -12$

7. $3b = -6$

12. $9b = 63$

3. $7a = 28$

8. $6x = -60$

13. $-9c = 27$

4. $7b = 21$

9. $7y = 42$

14. $-6x = -18$

5. $8x = 40$

10. $2c = 0$

15. $4u = 24$

Simple Linear Equations (B) Answers

Solve for each variable.

1. $3x = 9$
 $x = 3$

6. $9z = 9$
 $z = 1$

11. $6x = 6$
 $x = 1$

2. $3a = -12$
 $a = -4$

7. $3b = -6$
 $b = -2$

12. $9b = 63$
 $b = 7$

3. $7a = 28$
 $a = 4$

8. $6x = -60$
 $x = -10$

13. $-9c = 27$
 $c = -3$

4. $7b = 21$
 $b = 3$

9. $7y = 42$
 $y = 6$

14. $-6x = -18$
 $x = 3$

5. $8x = 40$
 $x = 5$

10. $2c = 0$
 $c = 0$

15. $4u = 24$
 $u = 6$

Simple Linear Equations (C)

Solve for each variable.

1. $4v = -16$

6. $4u = 40$

11. $-8v = -72$

2. $-6y = -24$

7. $9b = 27$

12. $3y = -18$

3. $2a = 10$

8. $7b = 21$

13. $9v = 36$

4. $7v = 7$

9. $9a = -72$

14. $-8c = 40$

5. $-3v = 18$

10. $3z = 21$

15. $9c = 45$

Simple Linear Equations (C) Answers

Solve for each variable.

1. $4v = -16$
 $v = -4$

6. $4u = 40$
 $u = 10$

11. $-8v = -72$
 $v = 9$

2. $-6y = -24$
 $y = 4$

7. $9b = 27$
 $b = 3$

12. $3y = -18$
 $y = -6$

3. $2a = 10$
 $a = 5$

8. $7b = 21$
 $b = 3$

13. $9v = 36$
 $v = 4$

4. $7v = 7$
 $v = 1$

9. $9a = -72$
 $a = -8$

14. $-8c = 40$
 $c = -5$

5. $-3v = 18$
 $v = -6$

10. $3z = 21$
 $z = 7$

15. $9c = 45$
 $c = 5$

Simple Linear Equations (D)

Solve for each variable.

1. $9y = 90$

6. $-2x = -8$

11. $4z = -36$

2. $-6b = 60$

7. $4c = 20$

12. $6y = -48$

3. $2z = 16$

8. $-4u = 20$

13. $-3z = 21$

4. $4z = -12$

9. $8z = 72$

14. $-7x = -7$

5. $7v = 0$

10. $7x = 21$

15. $-8y = -40$

Simple Linear Equations (D) Answers

Solve for each variable.

1. $9y = 90$
 $y = 10$

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

11. $4z = -36$
 $z = -9$

2. $-6b = 60$
 $b = -10$

7. $4c = 20$
 $c = 5$

12. $6y = -48$
 $y = -8$

3. $2z = 16$
 $z = 8$

8. $-4u = 20$
 $u = -5$

13. $-3z = 21$
 $z = -7$

4. $4z = -12$
 $z = -3$

9. $8z = 72$
 $z = 9$

14. $-7x = -7$
 $x = 1$

5. $7v = 0$
 $v = 0$

10. $7x = 21$
 $x = 3$

15. $-8y = -40$
 $y = 5$

Simple Linear Equations (E)

Solve for each variable.

1. $-7v = 56$

6. $-4v = -8$

11. $-6z = -60$

2. $2b = 14$

7. $2y = -18$

12. $-7a = 49$

3. $-4y = -20$

8. $5b = 35$

13. $3u = 18$

4. $8c = -80$

9. $9x = 81$

14. $7z = -21$

5. $7a = 14$

10. $2b = 20$

15. $8y = 32$

Simple Linear Equations (E) Answers

Solve for each variable.

1. $-7v = 56$
 $v = -8$

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

11. $-6z = -60$
 $z = 10$

2. $2b = 14$
 $b = 7$

7. $2y = -18$
 $y = -9$

12. $-7a = 49$
 $a = -7$

3. $-4y = -20$
 $y = 5$

8. $5b = 35$
 $b = 7$

13. $3u = 18$
 $u = 6$

4. $8c = -80$
 $c = -10$

9. $9x = 81$
 $x = 9$

14. $7z = -21$
 $z = -3$

5. $7a = 14$
 $a = 2$

10. $2b = 20$
 $b = 10$

15. $8y = 32$
 $y = 4$

Simple Linear Equations (F)

Solve for each variable.

1. $-6v = 24$

6. $-5b = 45$

11. $-8x = -72$

2. $8u = 0$

7. $4u = -20$

12. $-5u = 25$

3. $5x = -5$

8. $6b = 0$

13. $5z = 35$

4. $3v = -15$

9. $8b = 80$

14. $2y = -8$

5. $2u = -12$

10. $-6y = -30$

15. $8z = -8$

Simple Linear Equations (F) Answers

Solve for each variable.

1. $-6v = 24$
 $v = -4$

6. $-5b = 45$
 $b = -9$

11. $-8x = -72$
 $x = 9$

2. $8u = 0$
 $u = 0$

7. $4u = -20$
 $u = -5$

12. $-5u = 25$
 $u = -5$

3. $5x = -5$
 $x = -1$

8. $6b = 0$
 $b = 0$

13. $5z = 35$
 $z = 7$

4. $3v = -15$
 $v = -5$

9. $8b = 80$
 $b = 10$

14. $2y = -8$
 $y = -4$

5. $2u = -12$
 $u = -6$

10. $-6y = -30$
 $y = 5$

15. $8z = -8$
 $z = -1$

Simple Linear Equations (G)

Solve for each variable.

1. $8z = -40$

6. $9u = -27$

11. $3c = -27$

2. $2z = -4$

7. $4b = -28$

12. $6b = -60$

3. $8x = 16$

8. $-5z = 5$

13. $9u = -54$

4. $-2c = 14$

9. $-6y = -60$

14. $2v = -10$

5. $-9z = 18$

10. $-6z = 42$

15. $4y = 36$

Simple Linear Equations (G) Answers

Solve for each variable.

1. $8z = -40$
 $z = -5$

6. $9u = -27$
 $u = -3$

11. $3c = -27$
 $c = -9$

2. $2z = -4$
 $z = -2$

7. $4b = -28$
 $b = -7$

12. $6b = -60$
 $b = -10$

3. $8x = 16$
 $x = 2$

8. $-5z = 5$
 $z = -1$

13. $9u = -54$
 $u = -6$

4. $-2c = 14$
 $c = -7$

9. $-6y = -60$
 $y = 10$

14. $2v = -10$
 $v = -5$

5. $-9z = 18$
 $z = -2$

10. $-6z = 42$
 $z = -7$

15. $4y = 36$
 $y = 9$

Simple Linear Equations (H)

Solve for each variable.

1. $-8a = -16$

6. $3a = -3$

11. $8u = -40$

2. $-7c = 0$

7. $-2a = 16$

12. $4y = -28$

3. $-3x = 27$

8. $9v = 63$

13. $4c = -36$

4. $2c = 14$

9. $4x = -4$

14. $7u = -35$

5. $-6c = 6$

10. $-9y = 63$

15. $4z = -32$

Simple Linear Equations (H) Answers

Solve for each variable.

1. $-8a = -16$
 $a = 2$

6. $3a = -3$
 $a = -1$

11. $8u = -40$
 $u = -5$

2. $-7c = 0$
 $c = 0$

7. $-2a = 16$
 $a = -8$

12. $4y = -28$
 $y = -7$

3. $-3x = 27$
 $x = -9$

8. $9v = 63$
 $v = 7$

13. $4c = -36$
 $c = -9$

4. $2c = 14$
 $c = 7$

9. $4x = -4$
 $x = -1$

14. $7u = -35$
 $u = -5$

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

10. $-9y = 63$
 $y = -7$

15. $4z = -32$
 $z = -8$

Simple Linear Equations (I)

Solve for each variable.

1. $3b = -9$

6. $-6b = -24$

11. $6z = -12$

2. $5x = 30$

7. $9x = -81$

12. $4b = -20$

3. $6u = -48$

8. $2a = 0$

13. $3c = 3$

4. $3x = -27$

9. $3v = 6$

14. $-5a = -45$

5. $5x = 35$

10. $5v = -10$

15. $7c = 42$

Simple Linear Equations (I) Answers

Solve for each variable.

1. $3b = -9$
 $b = -3$

6. $-6b = -24$
 $b = 4$

11. $6z = -12$
 $z = -2$

2. $5x = 30$
 $x = 6$

7. $9x = -81$
 $x = -9$

12. $4b = -20$
 $b = -5$

3. $6u = -48$
 $u = -8$

8. $2a = 0$
 $a = 0$

13. $3c = 3$
 $c = 1$

4. $3x = -27$
 $x = -9$

9. $3v = 6$
 $v = 2$

14. $-5a = -45$
 $a = 9$

5. $5x = 35$
 $x = 7$

10. $5v = -10$
 $v = -2$

15. $7c = 42$
 $c = 6$

Simple Linear Equations (J)

Solve for each variable.

1. $4x = 24$

6. $9z = -72$

11. $8z = -24$

2. $4v = 32$

7. $-9z = -9$

12. $6z = -60$

3. $-9a = 18$

8. $4v = -20$

13. $-6v = -48$

4. $7a = -14$

9. $-2x = 6$

14. $2x = 16$

5. $7b = -28$

10. $-2c = 10$

15. $5b = 35$

Simple Linear Equations (J) Answers

Solve for each variable.

1. $4x = 24$
 $x = 6$

6. $9z = -72$
 $z = -8$

11. $8z = -24$
 $z = -3$

2. $4v = 32$
 $v = 8$

7. $-9z = -9$
 $z = 1$

12. $6z = -60$
 $z = -10$

3. $-9a = 18$
 $a = -2$

8. $4v = -20$
 $v = -5$

13. $-6v = -48$
 $v = 8$

4. $7a = -14$
 $a = -2$

9. $-2x = 6$
 $x = -3$

14. $2x = 16$
 $x = 8$

5. $7b = -28$
 $b = -4$

10. $-2c = 10$
 $c = -5$

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