

## Simple Linear Equations (A)

Solve for each variable.

1.  $2b = 10$

6.  $6v = 30$

11.  $8z = 24$

2.  $8b = 24$

7.  $7y = 56$

12.  $2u = 8$

3.  $5x = 50$

8.  $7a = 21$

13.  $5z = 45$

4.  $2a = 12$

9.  $5y = 45$

14.  $6b = 6$

5.  $9b = 9$

10.  $2c = 2$

15.  $8u = 16$

## Simple Linear Equations (A) Answers

Solve for each variable.

1.  $2b = 10$   
 $b = 5$

6.  $6v = 30$   
 $v = 5$

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

2.  $8b = 24$   
 $b = 3$

7.  $7y = 56$   
 $y = 8$

12.  $2u = 8$   
 $u = 4$

3.  $5x = 50$   
 $x = 10$

8.  $7a = 21$   
 $a = 3$

13.  $5z = 45$   
 $z = 9$

4.  $2a = 12$   
 $a = 6$

9.  $5y = 45$   
 $y = 9$

14.  $6b = 6$   
 $b = 1$

5.  $9b = 9$   
 $b = 1$

10.  $2c = 2$   
 $c = 1$

15.  $8u = 16$   
 $u = 2$

## Simple Linear Equations (B)

Solve for each variable.

1.  $8y = 64$

6.  $2z = 4$

11.  $2v = 10$

2.  $6z = 12$

7.  $3y = 15$

12.  $2c = 8$

3.  $9b = 27$

8.  $4b = 20$

13.  $3z = 24$

4.  $6z = 12$

9.  $6x = 36$

14.  $7a = 42$

5.  $2x = 0$

10.  $8b = 16$

15.  $3v = 3$

## Simple Linear Equations (B) Answers

Solve for each variable.

1.  $8y = 64$   
 $y = 8$

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

11.  $2v = 10$   
 $v = 5$

2.  $6z = 12$   
 $z = 2$

7.  $3y = 15$   
 $y = 5$

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

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

8.  $4b = 20$   
 $b = 5$

13.  $3z = 24$   
 $z = 8$

4.  $6z = 12$   
 $z = 2$

9.  $6x = 36$   
 $x = 6$

14.  $7a = 42$   
 $a = 6$

5.  $2x = 0$   
 $x = 0$

10.  $8b = 16$   
 $b = 2$

15.  $3v = 3$   
 $v = 1$

## Simple Linear Equations (C)

Solve for each variable.

1.  $6u = 42$

6.  $4c = 8$

11.  $4z = 20$

2.  $7x = 42$

7.  $6a = 30$

12.  $9c = 36$

3.  $4v = 20$

8.  $6c = 6$

13.  $6z = 6$

4.  $9b = 45$

9.  $3x = 15$

14.  $8x = 40$

5.  $3x = 6$

10.  $4y = 36$

15.  $9c = 45$

## Simple Linear Equations (C) Answers

Solve for each variable.

1.  $6u = 42$   
 $u = 7$

6.  $4c = 8$   
 $c = 2$

11.  $4z = 20$   
 $z = 5$

2.  $7x = 42$   
 $x = 6$

7.  $6a = 30$   
 $a = 5$

12.  $9c = 36$   
 $c = 4$

3.  $4v = 20$   
 $v = 5$

8.  $6c = 6$   
 $c = 1$

13.  $6z = 6$   
 $z = 1$

4.  $9b = 45$   
 $b = 5$

9.  $3x = 15$   
 $x = 5$

14.  $8x = 40$   
 $x = 5$

5.  $3x = 6$   
 $x = 2$

10.  $4y = 36$   
 $y = 9$

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

## Simple Linear Equations (D)

Solve for each variable.

1.  $5y = 50$

6.  $8a = 80$

11.  $7x = 56$

2.  $4v = 20$

7.  $9c = 90$

12.  $2x = 0$

3.  $3x = 30$

8.  $7u = 7$

13.  $9y = 36$

4.  $8a = 48$

9.  $6z = 30$

14.  $3c = 12$

5.  $8x = 8$

10.  $2y = 10$

15.  $2x = 6$

## Simple Linear Equations (D) Answers

Solve for each variable.

1.  $5y = 50$   
 $y = 10$

6.  $8a = 80$   
 $a = 10$

11.  $7x = 56$   
 $x = 8$

2.  $4v = 20$   
 $v = 5$

7.  $9c = 90$   
 $c = 10$

12.  $2x = 0$   
 $x = 0$

3.  $3x = 30$   
 $x = 10$

8.  $7u = 7$   
 $u = 1$

13.  $9y = 36$   
 $y = 4$

4.  $8a = 48$   
 $a = 6$

9.  $6z = 30$   
 $z = 5$

14.  $3c = 12$   
 $c = 4$

5.  $8x = 8$   
 $x = 1$

10.  $2y = 10$   
 $y = 5$

15.  $2x = 6$   
 $x = 3$



## Simple Linear Equations (E)

Solve for each variable.

1.  $9a = 81$

6.  $5z = 5$

11.  $5b = 20$

2.  $2a = 12$

7.  $4c = 16$

12.  $3y = 21$

3.  $4v = 36$

8.  $3u = 9$

13.  $6u = 24$

4.  $9y = 0$

9.  $3v = 21$

14.  $8u = 24$

5.  $5u = 30$

10.  $2b = 2$

15.  $7c = 70$

## Simple Linear Equations (E) Answers

Solve for each variable.

1.  $9a = 81$   
 $a = 9$

6.  $5z = 5$   
 $z = 1$

11.  $5b = 20$   
 $b = 4$

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

7.  $4c = 16$   
 $c = 4$

12.  $3y = 21$   
 $y = 7$

3.  $4v = 36$   
 $v = 9$

8.  $3u = 9$   
 $u = 3$

13.  $6u = 24$   
 $u = 4$

4.  $9y = 0$   
 $y = 0$

9.  $3v = 21$   
 $v = 7$

14.  $8u = 24$   
 $u = 3$

5.  $5u = 30$   
 $u = 6$

10.  $2b = 2$   
 $b = 1$

15.  $7c = 70$   
 $c = 10$

## Simple Linear Equations (F)

Solve for each variable.

1.  $6a = 6$

6.  $9y = 18$

11.  $3z = 30$

2.  $8x = 40$

7.  $8y = 8$

12.  $3z = 3$

3.  $3a = 27$

8.  $5u = 40$

13.  $7u = 63$

4.  $9v = 72$

9.  $2c = 14$

14.  $4b = 8$

5.  $9x = 45$

10.  $5c = 10$

15.  $4c = 16$

## Simple Linear Equations (F) Answers

Solve for each variable.

1.  $6a = 6$   
 $a = 1$

6.  $9y = 18$   
 $y = 2$

11.  $3z = 30$   
 $z = 10$

2.  $8x = 40$   
 $x = 5$

7.  $8y = 8$   
 $y = 1$

12.  $3z = 3$   
 $z = 1$

3.  $3a = 27$   
 $a = 9$

8.  $5u = 40$   
 $u = 8$

13.  $7u = 63$   
 $u = 9$

4.  $9v = 72$   
 $v = 8$

9.  $2c = 14$   
 $c = 7$

14.  $4b = 8$   
 $b = 2$

5.  $9x = 45$   
 $x = 5$

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

15.  $4c = 16$   
 $c = 4$

## Simple Linear Equations (G)

Solve for each variable.

1.  $5c = 30$

6.  $2v = 20$

11.  $8z = 8$

2.  $3y = 15$

7.  $9u = 36$

12.  $6b = 42$

3.  $3x = 24$

8.  $3v = 6$

13.  $5a = 0$

4.  $4y = 36$

9.  $5z = 25$

14.  $7u = 70$

5.  $5z = 45$

10.  $2v = 18$

15.  $7a = 63$

## Simple Linear Equations (G) Answers

Solve for each variable.

1.  $5c = 30$   
 $c = 6$

6.  $2v = 20$   
 $v = 10$

11.  $8z = 8$   
 $z = 1$

2.  $3y = 15$   
 $y = 5$

7.  $9u = 36$   
 $u = 4$

12.  $6b = 42$   
 $b = 7$

3.  $3x = 24$   
 $x = 8$

8.  $3v = 6$   
 $v = 2$

13.  $5a = 0$   
 $a = 0$

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

9.  $5z = 25$   
 $z = 5$

14.  $7u = 70$   
 $u = 10$

5.  $5z = 45$   
 $z = 9$

10.  $2v = 18$   
 $v = 9$

15.  $7a = 63$   
 $a = 9$

## Simple Linear Equations (H)

Solve for each variable.

1.  $6a = 48$

6.  $3a = 12$

11.  $8u = 40$

2.  $7x = 7$

7.  $3z = 21$

12.  $3y = 9$

3.  $5c = 35$

8.  $3u = 30$

13.  $9a = 72$

4.  $5c = 45$

9.  $4z = 4$

14.  $7y = 14$

5.  $4a = 16$

10.  $8c = 16$

15.  $9a = 27$

## Simple Linear Equations (H) Answers

Solve for each variable.

1.  $6a = 48$   
 $a = 8$

6.  $3a = 12$   
 $a = 4$

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

2.  $7x = 7$   
 $x = 1$

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

12.  $3y = 9$   
 $y = 3$

3.  $5c = 35$   
 $c = 7$

8.  $3u = 30$   
 $u = 10$

13.  $9a = 72$   
 $a = 8$

4.  $5c = 45$   
 $c = 9$

9.  $4z = 4$   
 $z = 1$

14.  $7y = 14$   
 $y = 2$

5.  $4a = 16$   
 $a = 4$

10.  $8c = 16$   
 $c = 2$

15.  $9a = 27$   
 $a = 3$



## Simple Linear Equations (I)

Solve for each variable.

1.  $8z = 64$

6.  $5z = 50$

11.  $3y = 24$

2.  $3b = 6$

7.  $5a = 5$

12.  $6b = 42$

3.  $4b = 20$

8.  $6v = 0$

13.  $4v = 8$

4.  $9y = 18$

9.  $3v = 9$

14.  $7c = 56$

5.  $6u = 0$

10.  $3z = 6$

15.  $5c = 25$

## Simple Linear Equations (I) Answers

Solve for each variable.

1.  $8z = 64$   
 $z = 8$

6.  $5z = 50$   
 $z = 10$

11.  $3y = 24$   
 $y = 8$

2.  $3b = 6$   
 $b = 2$

7.  $5a = 5$   
 $a = 1$

12.  $6b = 42$   
 $b = 7$

3.  $4b = 20$   
 $b = 5$

8.  $6v = 0$   
 $v = 0$

13.  $4v = 8$   
 $v = 2$

4.  $9y = 18$   
 $y = 2$

9.  $3v = 9$   
 $v = 3$

14.  $7c = 56$   
 $c = 8$

5.  $6u = 0$   
 $u = 0$

10.  $3z = 6$   
 $z = 2$

15.  $5c = 25$   
 $c = 5$

## Simple Linear Equations (J)

Solve for each variable.

1.  $3y = 6$

6.  $4y = 32$

11.  $2c = 0$

2.  $7a = 63$

7.  $8a = 80$

12.  $2a = 4$

3.  $5c = 30$

8.  $9v = 72$

13.  $9b = 45$

4.  $9u = 54$

9.  $3c = 15$

14.  $2x = 18$

5.  $4a = 24$

10.  $8z = 64$

15.  $4x = 12$

## Simple Linear Equations (J) Answers

Solve for each variable.

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

6.  $4y = 32$   
 $y = 8$

11.  $2c = 0$   
 $c = 0$

2.  $7a = 63$   
 $a = 9$

7.  $8a = 80$   
 $a = 10$

12.  $2a = 4$   
 $a = 2$

3.  $5c = 30$   
 $c = 6$

8.  $9v = 72$   
 $v = 8$

13.  $9b = 45$   
 $b = 5$

4.  $9u = 54$   
 $u = 6$

9.  $3c = 15$   
 $c = 5$

14.  $2x = 18$   
 $x = 9$

5.  $4a = 24$   
 $a = 6$

10.  $8z = 64$   
 $z = 8$

15.  $4x = 12$   
 $x = 3$