

Linear Systems (C)

Solve each system of equations.

1. $5b - 2y = 15$
 $5b = 25$

5. $6b + 6z = 18$
 $b = 2$

2. $-5u - 6x = 30$
 $-6u = 36$

6. $4u - 4x = 12$
 $u = 5$

3. $3y - 6z = -3$
 $4y = -4$

7. $a + 2c = 6$
 $-4a = -24$

4. $c + 3v = 16$
 $-2c = -2$

8. $-6y - 2z = -12$
 $-5y = -5$

Linear Systems (C) Answers

Solve each system of equations.

1. $5b - 2y = 15$
 $5b = 25$
 $b = 5, y = 5$

5. $6b + 6z = 18$
 $b = 2$
 $b = 2, z = 1$

2. $-5u - 6x = 30$
 $-6u = 36$
 $u = -6, x = 0$

6. $4u - 4x = 12$
 $u = 5$
 $u = 5, x = 2$

3. $3y - 6z = -3$
 $4y = -4$
 $y = -1, z = 0$

7. $a + 2c = 6$
 $-4a = -24$
 $a = 6, c = 0$

4. $c + 3v = 16$
 $-2c = -2$
 $c = 1, v = 5$

8. $-6y - 2z = -12$
 $-5y = -5$
 $y = 1, z = 3$