

Linear Systems (J)

Solve each system of equations.

1. $5a + c = 22$
 $3a = 12$

5. $3c + u = 23$
 $4c = 24$

2. $6b + z = 14$
 $6b = 12$

6. $b + 5z = 31$
 $2b = 12$

3. $4x + 2z = 18$
 $5x = 10$

7. $5x + 3z = 38$
 $6x = 24$

4. $3u + 4v = 36$
 $u = 4$

8. $4a + 4z = 28$
 $a = 5$

Linear Systems (J) Answers

Solve each system of equations.

1. $5a + c = 22$
 $3a = 12$
 $a = 4, c = 2$

5. $3c + u = 23$
 $4c = 24$
 $c = 6, u = 5$

2. $6b + z = 14$
 $6b = 12$
 $b = 2, z = 2$

6. $b + 5z = 31$
 $2b = 12$
 $b = 6, z = 5$

3. $4x + 2z = 18$
 $5x = 10$
 $x = 2, z = 5$

7. $5x + 3z = 38$
 $6x = 24$
 $x = 4, z = 6$

4. $3u + 4v = 36$
 $u = 4$
 $u = 4, v = 6$

8. $4a + 4z = 28$
 $a = 5$
 $a = 5, z = 2$