

Linear Systems (C)

Solve each system of equations.

1. $4c + 2v = 20$
 $2c = 8$

5. $3a + 4u = 23$
 $3a = 3$

2. $4u + 4z = 28$
 $2u = 2$

6. $3u + 4z = 38$
 $5u = 30$

3. $4x + z = 18$
 $4x = 16$

7. $2a + 2b = 10$
 $4a = 4$

4. $2b + 2x = 14$
 $4b = 4$

8. $4u + 5y = 17$
 $2u = 6$

Linear Systems (C) Answers

Solve each system of equations.

1. $4c + 2v = 20$
 $2c = 8$
 $c = 4, v = 2$

5. $3a + 4u = 23$
 $3a = 3$
 $a = 1, u = 5$

2. $4u + 4z = 28$
 $2u = 2$
 $u = 1, z = 6$

6. $3u + 4z = 38$
 $5u = 30$
 $u = 6, z = 5$

3. $4x + z = 18$
 $4x = 16$
 $x = 4, z = 2$

7. $2a + 2b = 10$
 $4a = 4$
 $a = 1, b = 4$

4. $2b + 2x = 14$
 $4b = 4$
 $b = 1, x = 6$

8. $4u + 5y = 17$
 $2u = 6$
 $u = 3, y = 1$