

Linear Systems (A)

Solve each system of equations.

1. $6b + 4y = 54$
 $4b = 20$

5. $2b + c = 12$
 $2b = 10$

2. $a + 4x = 11$
 $6a = 18$

6. $6c + z = 31$
 $5c = 25$

3. $4u + 5v = 30$
 $5u = 25$

7. $6b + 4v = 14$
 $5b = 5$

4. $2u + 5y = 15$
 $4u = 20$

8. $2x + 6z = 14$
 $5x = 5$

Linear Systems (A) Answers

Solve each system of equations.

1. $6b + 4y = 54$
 $4b = 20$
 $b = 5, y = 6$

5. $2b + c = 12$
 $2b = 10$
 $b = 5, c = 2$

2. $a + 4x = 11$
 $6a = 18$
 $a = 3, x = 2$

6. $6c + z = 31$
 $5c = 25$
 $c = 5, z = 1$

3. $4u + 5v = 30$
 $5u = 25$
 $u = 5, v = 2$

7. $6b + 4v = 14$
 $5b = 5$
 $b = 1, v = 2$

4. $2u + 5y = 15$
 $4u = 20$
 $u = 5, y = 1$

8. $2x + 6z = 14$
 $5x = 5$
 $x = 1, z = 2$