Linear Systems (I)

Solve each system of equations.

1. $2b - y = 15$
   $-5b - 2y = -24$

2. $4y - 4z = -40$
   $-4y + 5z = 45$

3. $-4u + v = 7$
   $6u - 4v = -18$

4. $-6a + z = 17$
   $6a - 3z = -27$

5. $4a - 2u = 0$
   $3a - 6u = -9$

6. $-3c - 3y = -9$
   $5c - 2y = -27$

7. $c + 4u = -8$
   $4c + 2u = 10$

8. $6v - 3y = -21$
   $-5v + 2y = 15$

Linear Systems (I) Answers

Solve each system of equations.

1. $2b - y = 15$
$-5b - 2y = -24$
$b = 6, y = -3$

2. $4y - 4z = -40$
$-4y + 5z = 45$
$y = -5, z = 5$

3. $-4u + v = 7$
$6u - 4v = -18$
$u = -1, v = 3$

4. $-6a + z = 17$
$6a - 3z = -27$
$a = -2, z = 5$

5. $4a - 2u = 0$
$3a - 6u = -9$
$a = 1, u = 2$

6. $-3c - 3y = -9$
$5c - 2y = -27$
$c = -3, y = 6$

7. $c + 4u = -8$
$4c + 2u = 10$
$c = 4, u = -3$

8. $6v - 3y = -21$
$-5v + 2y = 15$
$v = -1, y = 5$