

Linear Systems (J)

Solve each system of equations.

1. $5b + 4u = -27$
 $-6b = 18$

5. $-6u - 4v = -24$
 $4u = 8$

2. $-4a - v = 7$
 $-2a = 4$

6. $-6c + 5v = -45$
 $-3c = -15$

3. $-5a - 4b = -22$
 $-3a = -18$

7. $-6a + 2u = 40$
 $4a = -20$

4. $-6c - 5x = 5$
 $-5c = 0$

8. $-6a - 4z = 48$
 $6a = -36$

Linear Systems (J) Answers

Solve each system of equations.

1. $5b + 4u = -27$
 $-6b = 18$
 $b = -3, u = -3$

5. $-6u - 4v = -24$
 $4u = 8$
 $u = 2, v = 3$

2. $-4a - v = 7$
 $-2a = 4$
 $a = -2, v = 1$

6. $-6c + 5v = -45$
 $-3c = -15$
 $c = 5, v = -3$

3. $-5a - 4b = -22$
 $-3a = -18$
 $a = 6, b = -2$

7. $-6a + 2u = 40$
 $4a = -20$
 $a = -5, u = 5$

4. $-6c - 5x = 5$
 $-5c = 0$
 $c = 0, x = -1$

8. $-6a - 4z = 48$
 $6a = -36$
 $a = -6, z = -3$