

Linear Systems (F)

Solve each system of equations.

1. $5b + 3u = -1$
 $2b = -4$

5. $-5a - 2z = -22$
 $-6a = -12$

2. $-6b + x = 30$
 $3b = -12$

6. $-5a + 6u = -20$
 $-a = 2$

3. $c - 2v = 6$
 $-2c = 12$

7. $-5b + 6v = -3$
 $b = -3$

4. $4b - 6v = -24$
 $-2b = 12$

8. $5a - v = 0$
 $-2a = -2$

Linear Systems (F) Answers

Solve each system of equations.

1. $5b + 3u = -1$
 $2b = -4$
 $b = -2, u = 3$

5. $-5a - 2z = -22$
 $-6a = -12$
 $a = 2, z = 6$

2. $-6b + x = 30$
 $3b = -12$
 $b = -4, x = 6$

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

3. $c - 2v = 6$
 $-2c = 12$
 $c = -6, v = -6$

7. $-5b + 6v = -3$
 $b = -3$
 $b = -3, v = -3$

4. $4b - 6v = -24$
 $-2b = 12$
 $b = -6, v = 0$

8. $5a - v = 0$
 $-2a = -2$
 $a = 1, v = 5$