

## Linear Systems (G)

Solve each system of equations.

1.  $4b + 4u + 5z = 25$   
 $b + 2u + 5z = 11$   
 $5b + 5u + z = 26$

5.  $6c + 2x + 2y = 36$   
 $4c + 5x + 6y = 36$   
 $2c + 6x + 3y = 25$

2.  $5b + 2v + 6x = 44$   
 $b + 4v + 6x = 40$   
 $5b + 5v + x = 52$

6.  $4a + 5u + 5y = 66$   
 $a + 2u + 3y = 30$   
 $4a + 2u + 6y = 60$

3.  $4a + x + 5z = 18$   
 $6a + 2x + 2z = 22$   
 $3a + 4x + 5z = 18$

7.  $4a + c + 5u = 38$   
 $a + c + 6u = 33$   
 $5a + 5c + 4u = 61$

4.  $3a + b + 2y = 25$   
 $6a + 3b + 3y = 51$   
 $2a + 4b + 6y = 60$

8.  $b + 4c + 3v = 30$   
 $4b + 2c + 3v = 28$   
 $3b + 2c + v = 18$