

## Linear Systems (A)

Solve each system of equations.

1.  $4x + 6y + 5z = 70$   
 $4x + 6y = 60$   
 $3x = 18$

5.  $b + 2u + 3y = 24$   
 $5b + 2u = 13$   
 $2b = 2$

2.  $4u + 3v + 2y = 44$   
 $3u + 4v = 36$   
 $3u = 12$

6.  $a + 3v + 4y = 36$   
 $a + 3v = 24$   
 $4a = 24$

3.  $3b + c + 3u = 22$   
 $3b + 6c = 12$   
 $5b = 10$

7.  $2b + 5v + 4x = 44$   
 $3b + 4v = 33$   
 $5b = 15$

4.  $2v + 4x + 2z = 24$   
 $4v + x = 16$   
 $6v = 18$

8.  $4a + b + 3v = 31$   
 $4a + b = 25$   
 $5a = 30$