

## Linear Systems (D)

Solve each system of equations.

1.  $3y + 6z = 48$   
 $3y + 2z = 24$

5.  $5u + 6y = 55$   
 $6u + 4y = 50$

2.  $5u + 4x = 36$   
 $u + 6x = 28$

6.  $5u + 6z = 28$   
 $2u + 4z = 16$

3.  $4u + 4z = 28$   
 $4u + z = 13$

7.  $u + 6x = 11$   
 $2u + x = 11$

4.  $x + y = 11$   
 $5x + 4y = 49$

8.  $y + 5z = 27$   
 $2y + 6z = 34$