Linear Systems (D)

Solve each system of equations.

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

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

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

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

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

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

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

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

Linear Systems (D) Answers

Solve each system of equations.

1. $3y+6z=48$
   $3y+2z=24$
   $y=4, z=6$

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

3. $4u+4z=28$
   $4u+z=13$
   $u=2, z=5$

4. $x+y=11$
   $5x+4y=49$
   $x=5, y=6$

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

6. $5u+6z=28$
   $2u+4z=16$
   $u=2, z=3$

7. $u+6x=11$
   $2u+x=11$
   $u=5, x=1$

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