Linear Systems (D)

Solve each system of equations.

1. $4u + 6v + 6z = 44$
   $6u + 4v + 3z = 31$
   $6u + 4v + 4z = 36$

2. $3a + 4v + 3z = 32$
   $6a + 3v + 2z = 38$
   $4a + 6v + 4z = 44$

3. $2v + 3y + 3z = 37$
   $3v + 6y + 3z = 54$
   $6v + 6y + 6z = 84$

4. $3v + 2x + 5y = 52$
   $3v + 5x + 6y = 75$
   $4v + 3x + 3y = 53$

5. $2c + x + 6y = 52$
   $c + 6x + y = 36$
   $c + x + 3y = 28$

6. $5b + 2y + 3z = 43$
   $3b + 6y + 5z = 45$
   $6b + 6y + 4z = 60$

7. $3a + b + 4c = 22$
   $a + 5b + 2c = 22$
   $a + 2b + 2c = 13$

8. $2a + u + x = 12$
   $a + 2u + 3x = 27$
   $3a + 4u + 5x = 49$