Linear Systems (A)

Solve each system of equations.

1. $2b + c + z = 11$
   $3b + 4c + z = 19$
   $3b + 6c + 5z = 43$

2. $6u + x + 6y = 40$
   $6u + 5x + 6y = 56$
   $5u + 2x + 4y = 35$

3. $2a + 4c + 3x = 37$
   $3a + 3c + 3x = 33$
   $3a + 3c + 6x = 48$

4. $2u + 6x + 6y = 26$
   $6u + 6x + 5y = 40$
   $3u + 4x + 5y = 26$

5. $5b + 4v + 3y = 52$
   $2b + 2v + 6y = 52$
   $6b + 4v + 2y = 48$

6. $2b + v + z = 11$
   $3b + 5v + 5z = 34$
   $5b + 6v + 3z = 42$

7. $4a + 5c + 4u = 49$
   $4a + 2c + 2u = 28$
   $4a + 3c + 6u = 45$

8. $6a + 6c + 2v = 52$
   $6a + 3c + v = 41$
   $5a + 2c + 4v = 39$