Linear Systems (F)

Solve each system of equations.

1. $3a + 4u + z = 35$
   $4a + 4u = 40$
   $a = 6$

2. $2u + 4x + 5y = 49$
   $2u + 5x = 27$
   $u = 6$

3. $4a + c + 6z = 32$
   $6a + 6c = 48$
   $a = 4$

4. $2a + 3b + z = 27$
   $5a + b = 16$
   $5a = 10$

5. $4b + 2c + 3x = 32$
   $2b + 4c = 16$
   $4b = 16$

6. $2a + 2b + 5x = 17$
   $6a + 3b = 30$
   $2a = 8$

7. $6u + v + 2y = 19$
   $5u + 2v = 16$
   $5u = 10$

8. $5b + 3c + v = 33$
   $6b + 5c = 40$
   $4b = 20$