Linear Systems (C)

Solve each system of equations.

1. $4b + 5v = 54$
   $6b + 6v = 72$

2. $5a + 2u = 35$
   $4a + 6u = 50$

3. $4c + 3z = 22$
   $6c + 2z = 18$

4. $4u + 4y = 20$
   $u + 6y = 10$

5. $3x + 2y = 28$
   $5x + 2y = 40$

6. $2v + 5x = 7$
   $4v + 6x = 10$

7. $3a + 5u = 21$
   $2a + 5u = 19$

8. $a + 6y = 20$
   $5a + 6y = 28$

Linear Systems (C) Answers

Solve each system of equations.

1. $4b+5v=54$
   $6b+6v=72$
   $b=6, v=6$

2. $5a+2u=35$
   $4a+6u=50$
   $a=5, u=5$

3. $4c+3z=22$
   $6c+2z=18$
   $c=1, z=6$

4. $4u+4y=20$
   $u+6y=10$
   $u=4, y=1$

5. $3x+2y=28$
   $5x+2y=40$
   $x=6, y=5$

6. $2v+5x=7$
   $4v+6x=10$
   $v=1, x=1$

7. $3a+5u=21$
   $2a+5u=19$
   $a=2, u=3$

8. $a+6y=20$
   $5a+6y=28$
   $a=2, y=3$