

Linear Systems (I)

Solve each system of equations.

1. $3a + 6b + 2z = 29$
 $a + 3b = 8$
 $a = 5$

5. $3u + 2v + x = 17$
 $5u + 4v = 21$
 $5u = 5$

2. $3b + 5v + 5y = 32$
 $6b + 6v = 42$
 $2b = 8$

6. $6b + 3c + 2u = 21$
 $b + 3c = 10$
 $4b = 4$

3. $4a + 4u + 5y = 74$
 $5a + u = 31$
 $a = 5$

7. $6a + 3v + 5x = 44$
 $3a + 5v = 33$
 $2a = 2$

4. $3a + 5c + 3z = 48$
 $6a + 5c = 60$
 $3a = 15$

8. $u + 6y + z = 18$
 $6u + 6y = 42$
 $6u = 36$