

## Systemes Linéaires (A)

Trouvez les solutions des systemes d'équations suivants.

1.  $5a - c + 6u = 20$   
 $5a - 2c + 3u = 8$   
 $-4c + 6u = 6$

5.  $c + 4u - 2x = 4$   
 $4c + u = 21$   
 $-2c - 5u = 3$

2.  $4a + 5c - 3y = 6$   
 $2a - 5c - 3y = 18$   
 $5a + 4c - y = -4$

6.  $-5b + 5c - 2y = 38$   
 $-4b + 3c - 3y = 16$   
 $2b + 5c + 3y = 40$

3.  $-2c - u - 4y = -7$   
 $-4c + 4u - y = -4$   
 $-5c + 2u + 6y = 33$

7.  $4c - 2u + 5v = -5$   
 $2c - u - 2v = -16$   
 $3c - 2u + 3v = -6$

4.  $-b + 5v + x = 3$   
 $5b + 6v - x = -23$   
 $3b + 4v + x = -17$

8.  $-a - 3v + 4y = -19$   
 $5a - 4v - 5y = -4$   
 $-a + 3v + 4y = 17$