

## Unit 14.3 Gaussian Elimination

1. Solve each systems of equations using Gaussian Elimination

a.  $x + 2y = 3$

$2x - y = -4$

b.  $-2x + 4y + z = -3$   
 $x - 3y + 2z = 11$   
 $x - 2y + 3z = 12$

c.  $x - y + 5z = -6$   
 $x + 2z = 0$   
 $6x + y + 3z = 0$

d.  $3x + 4z = 11$   
 $x + y = -2$   
 $2y + z = -4$