

Solve each of the following systems by elimination.

1.  $y = -x + 1$   
 $y = 2x - 14$

2.  $x = \frac{1}{3}y - \frac{7}{3}$   
 $y = 3x + 7$

3.  $3x - y = 4$   
 $2x + 3y = 7$

4.  $4x + 5y = -20$   
 $y = -\frac{4}{5}x + 7$