

**Samples                      Simultaneous Equations**

- 1.** Do the lines  $-70y - 14 = -7x$  and  $0 = 6x - 352 + 8y$  intersect? If so, find the point of intersection.
- 2.** Do the lines  $20x - 16 = 2y$  and  $-90x + 9y + 72 = 0$  intersect? If so, find the point of intersection.
- 3.** Do the lines  $8x = 9y - 433$  and  $0 = 28 + 24x + 4y$  intersect? If so, find the point of intersection.