

**Algebra 1 Yearlong
Worksheet 17E**

Name _____

Find the intersection point (answer for x and y) for each problem.
Use the Substitution Method.

1) $2x + 3y = 34$
 $y = 3x + 4$

2) $x - y = 1$
 $3x - 2y = 7$

3) $x = 12 - y$
 $2x - y = 0$

4) $5x - 3y = 11$
 $y = 2x - \frac{14}{3}$

5) $4x - 7y = 6$
 $8x - 14y = 1$

6) $-3x + 2y = 7$
 $3x - 4y = -16$

Graph the following lines to find the intersection points

7) $x - y = 4$
 $y = \frac{3}{2}x - 7$

8) $2x + y = -1$
 $y = -2x - 2$

