

(C1-3.2) Name:

## Homework Questions 2 – Simultaneous Equations by Substitution

Solve the following linear – linear simultaneous equations by substitution

1.  $y = 2x - 10$   
 $x + y = 2$

2.  $y = x + 3$   
 $y - 3x + 13 = 0$

3.  $x = y + 1$   
 $3x + 2y = 2$

$x =$
$y =$

4.  $y = 3x - 5$   
 $y = x - 1$

$m =$
$p =$

5.  $y = 2x - 1$   
 $y = x + 6$

$x =$
$y =$

6.  $y = 10x + 3$   
 $5x + 3y = 16$

$a =$
$b =$

7.  $x = y - 8$   
 $2x + 3y = 9$

$x =$
$y =$

8.  $x = y - 2$   
 $3y - x = 0$

$x =$
$y =$

$x =$
$y =$

$x =$
$y =$