(C1-3.1a) Name:

Homework Questions 1 – Simultaneous Equations by Elimination

Solve the following linear-linear simultaneous equations by the elimination method

1. $4x + y = 25$
   $4x - y = 23$

$x = 6$
$y = 1$

2. $5m - 2p = 4$
   $3m - 2p = 0$

$m = 2$
$p = 3$

3. $3x + 4y = 41$
   $4x - 5y = 3$

$x = 7$
$y = 5$

4. $7x + 4y = -3$
   $3y - 2x = 5$

$x = -1$
$y = 1$

5. $3x - 4y = 14$
   $5x + 3y = -54$

$x = -6$
$y = -8$