Notes:

## SIMULTANEOUS EQUATION

SOLVE

- 1) SUB (1-40) TO GET 8+x = 2x+1
- 2) COLLECT + SOLVE FOR x7 = x
- or 0 orm f=x .802 (E  $y = 2x^2 + 1$ y = 15

## SIMULTANGOUS EQUATIONS 2

Soure

- 1) TIMES @ BY 4 TO GET @
- 3 4x + 4y = 8
- 2) TARÉ (1) FROM (3)

3) SOLVE (D) TO GET

4) SUB y=3 BACK INTO 2

$$x + 3 = 2$$

SIMULTANEOUS FOUNTIONS 3

SOWE

1) SUB DITTO D TO GET

$$x + 5 = x^2 + 3$$

2) READMANUE TO GET

$$0 = x^2 - x - 2$$

$$= (x + 1)(x-5)$$

3) SOLVE FUR X

$$x = -1$$
 or  $x = 2$ 

4) SUB X= - THEN X=2 INTO O

TO 65T Y

$$y = -1+5$$
  $y = 2+5$ 

of SOLUTIONS ARE

(-1,4) AND (2,7)

Comments: