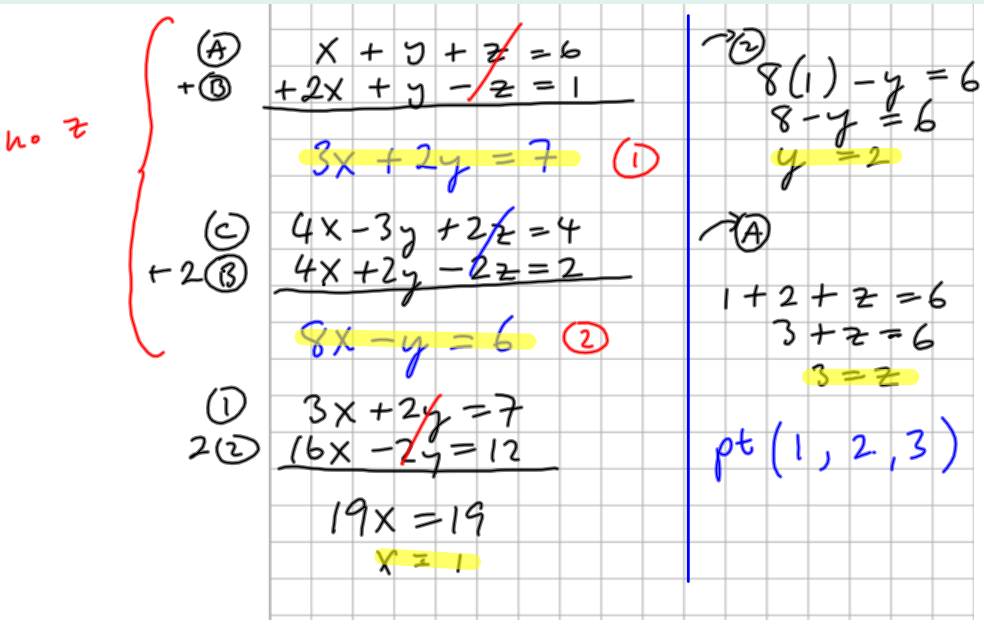
2. Solving simultaneous equations with three variables

Example 3

Solve the simultaneous equations:

A $x + y + z = 6$
B $2x + y - z = 1$
C: $4x - 3y + 2z = 4$



5. Solve the following equations with three unknowns.

(i) $2x + y + z = 8$ (1)
$5x - 3y + 2z = 3$ (2)
$7x + y + 3z = 20$ (3)