Simultaneous Equations
Substitution Method

1. Rearrange the equations to make x the subject

a. $x - 2y = 7$ b. $x + 5y = 15$ c. $20 = x - 4y$

2. Rearrange the equations to make y the subject

a. $3x + y = 7$ b. $-2x + y = 30$ c. $4 = x - 5y$

3. Rearrange the second equation to make y the subject. Then use the substitution method to solve.

$5x + 2y = 9$
$x + y = 3$

4. Rearrange the first equation to make x the subject. Then use the substitution method to solve.

$x - y = 4$
$2x + 3y = 13$