



# Core Mathematics C12(GCE)

Practice Question 4

Standard A★

*Mr. S. V. Swarnaraja*

*(Team Leader, Marking Examiner & Author)*

[www.swanash.com](http://www.swanash.com)

**CRITICAL THINKING IS THE KEY TO SOLVE REAL WORLD PROBLEMS.  
CHILDREN MUST BE TAUGHT HOW TO THINK, NOT WHAT TO THINK.  
A GREAT TEACHER WILL BE CREATING STUDENTS TO DO NEW THINGS  
THROUGH CRITICAL THINKING, NOT SIMPLY REPEATING WHAT OTHER  
GENERATIONS HAVE DONE BEFORE. WE DO NOT NEED ANOTHER  
ALBERT EINSTEIN OR ISAAC NEWTON.... WE NEED A PERSON BETTER  
THAN THEM.**

**MR.S.V. SWARNARAJA**

# Equations

**Question:**

Solve the simultaneous equations

$$\frac{x}{y}(x + y - 2) = 2$$

$$\frac{y}{x}(x + y - 1) = 3$$

**(7 marks)**

- *I hate math, but I love counting my money,  
I hate critical thinking sums, but I want to enter the best university.*

- *Mathematics is not the learning of formulae.  
It is the training of the mind to **think**.*

*Traditional or Online classes*

***Mr. S. V. Swarnaraja***

*(Team Leader, Marking Examiner & Author)*

*Mobile: +94 777 304755*

*email: swa@swanash.com*

***www.swanash.com***