

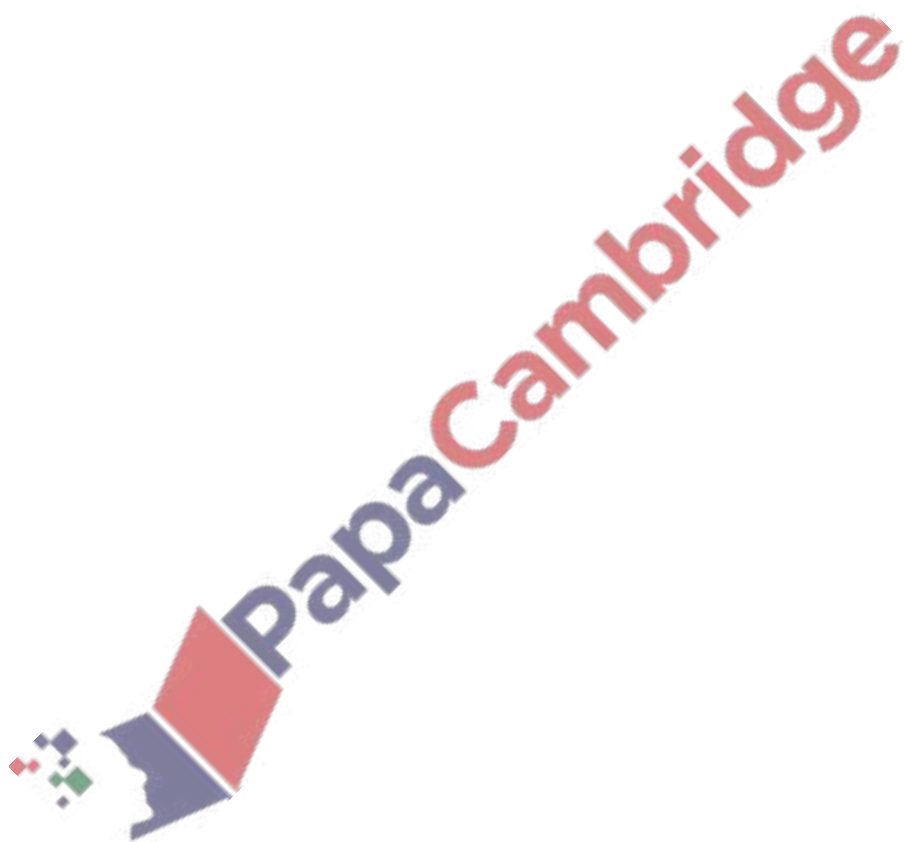
Simultaneous equations – 2021 O Level Additional Math

1. Nov/2021/Paper_23/No.2

Solve the following simultaneous equations. Give your answers in the form $a + b\sqrt{3}$, where a and b are rational.

$$\begin{aligned}x + y &= 3 \\2x - \sqrt{3}y &= 5\end{aligned}$$

[5]



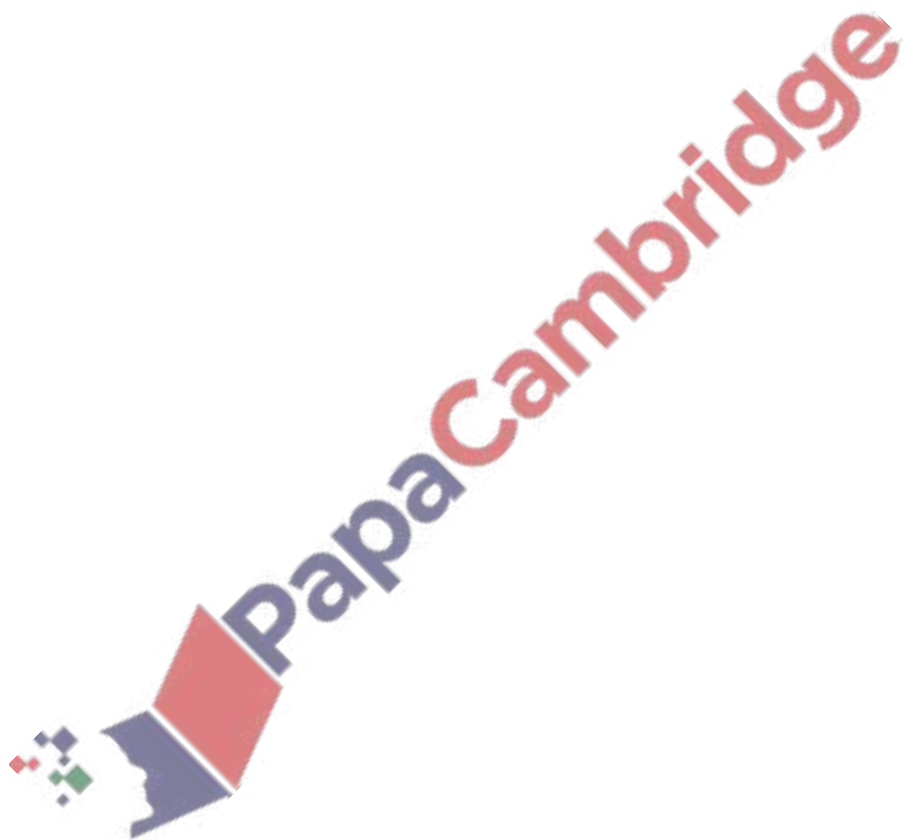
2. June/2021/Paper_22/No.9

Solve the following simultaneous equations.

$$4x^2 + 3xy + y^2 = 8$$

$$xy + 4 = 0$$

[6]



3. June/2021/Paper_24/No.5

Solve the simultaneous equations $3y = x - 20$ and $x^2 + y^2 - 2x + 6y = 0$.

[4]

