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.

    $$x + y = 3$$
    $$2x - \sqrt{3}y = 5$$

    [5]

2. June/2021/Paper_22/No.9

Solve the following simultaneous equations.

$$4x^2 + 3xy + y^2 = 8$$
$$xy + 4 = 0$$

[6]

2. June/2021/Paper_22/No.9

3. June/2021/Paper_24/No.5

Solve the simultaneous equations $3y = x - 20$ and $x^2 + y^2 - 2x + 6y = 0$. [4]