

EXTENDED MATHEMATICS FORMATIVE 2

Solve the following pairs of simultaneous equations by substitution method.(Submit answers to only Q1,Q2 and Q3)

$$\begin{aligned}1. \quad & 2x + 3y = 13 \\& 2x + y = 7\end{aligned}$$

$$\begin{aligned}2. \quad & 3x + 3y = 18 \\& 5x + 3y = 28\end{aligned}$$

$$\begin{aligned}3. \quad & 4x - y = 8 \\& 6x + y = 22\end{aligned}$$

$$\begin{aligned}4. \quad & a + 2b = 14 \\& 3a + 4b = 34\end{aligned}$$

$$\begin{aligned}5. \quad & 5a + b = 17 \\& 8a - 2b = 2\end{aligned}$$