

1. Solve the simultaneous equations

$$\begin{aligned}x^2 + y^2 &= 13 \\ x &= y - 5\end{aligned}$$

(5 marks)

2. Solve the simultaneous equations

$$\begin{aligned}x^2 + y^2 &= 17 \\ y &= x - 3\end{aligned}$$

(5 marks)

3. Solve the simultaneous equations

$$\begin{aligned}x^2 + y^2 &= 34 \\ x - y &= 2\end{aligned}$$

(5 marks)

4. Solve the simultaneous equations

$$\begin{aligned}x^2 + y^2 &= 20 \\ 3x &= 2 - y\end{aligned}$$

(5 marks)

5. Solve the simultaneous equations

$$\begin{aligned}x^2 + y^2 &= 41 \\ y &= 2x - 3\end{aligned}$$

(5 marks)

6. Solve the simultaneous equations

$$\begin{aligned}x^2 + y^2 &= 20 \\ 2x + y &= 3\end{aligned}$$

(5 marks)

7. Solve the simultaneous equations

$$\begin{aligned}x^2 + y^2 &= 27 \\ 2x - y &= 3\end{aligned}$$

(5 marks)