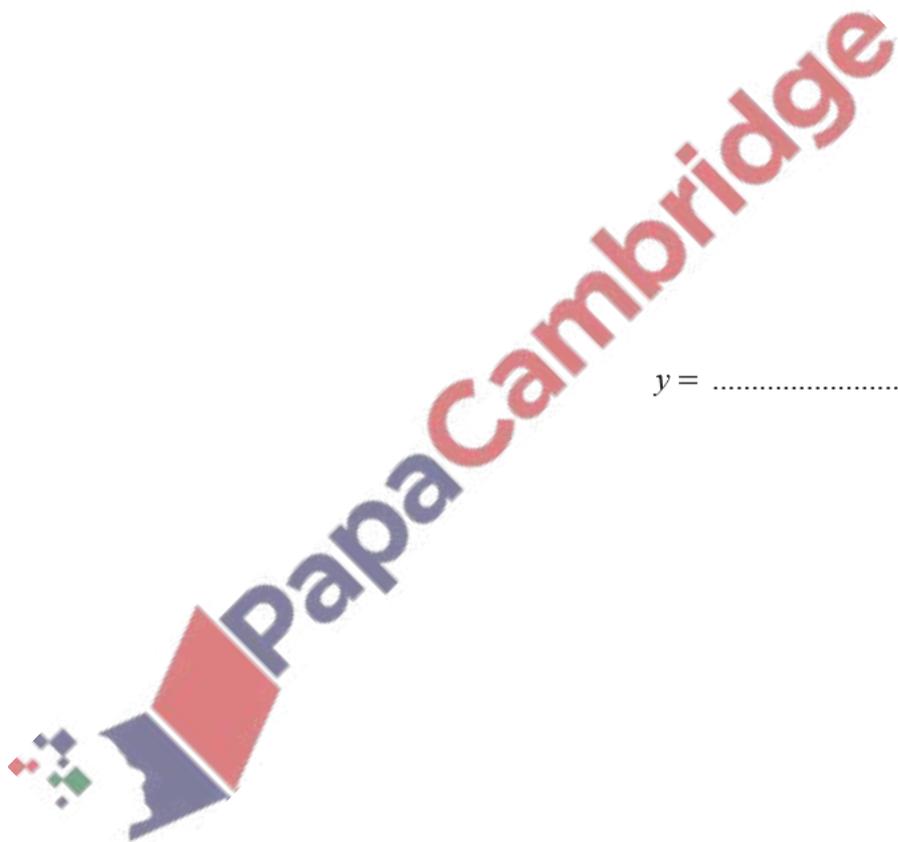


1. **Nov/2021/Paper_23/No.18**

Find the equation of the straight line that passes through the points (2, -2) and (3, 10).

Give your answer in the form $y = mx + b$.



$y = \dots\dots\dots$ [3]

2. June/2021/Paper_21/No.10

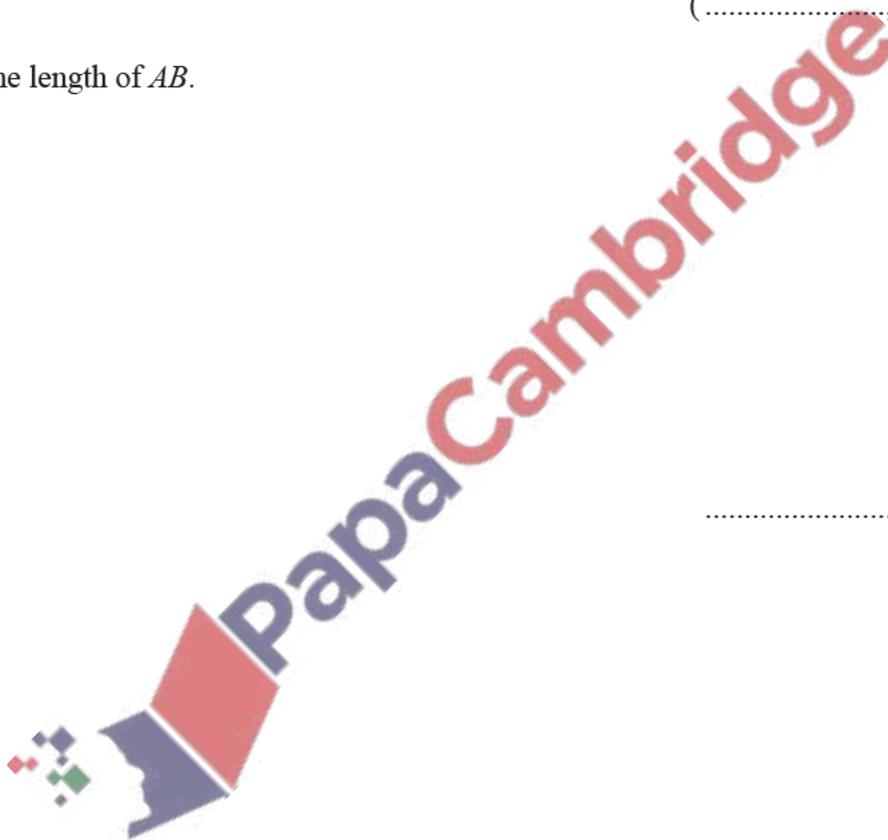
A is the point $(3, -5)$ and B is the point $(9, 3)$.

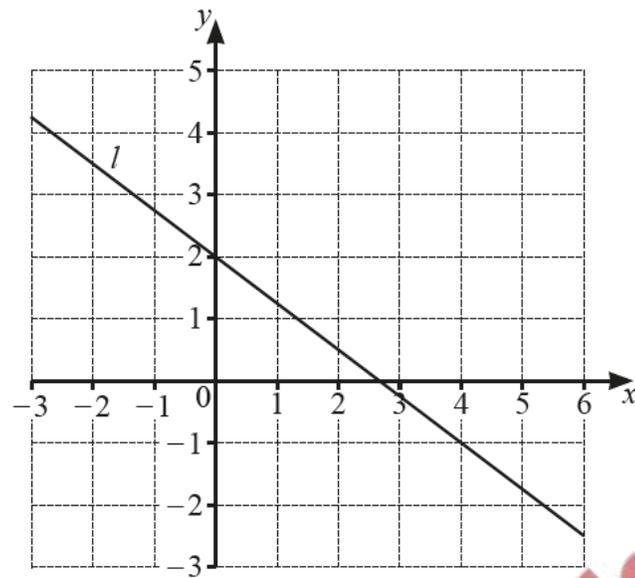
(a) Find the coordinates of the midpoint of AB .

(.....,) [2]

(b) Find the length of AB .

..... [3]





(a) Find the slope of line l .

..... [2]

(b) Find the equation of line l in the form $y = mx + b$.

$y =$ [2]

(c) Find the equation of the line that is perpendicular to line l and passes through the point $(12, -7)$.
Give your answer in the form $y = mx + b$.

$y =$ [3]