



1. (a) Look at the table for the line  $y = 2x$ .

$x$	0	1	2	3	4
$y = 2x$	0	2	4	...	...

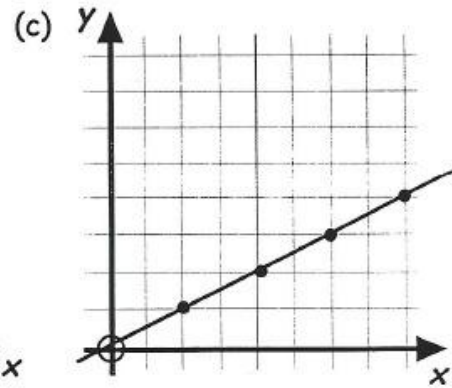
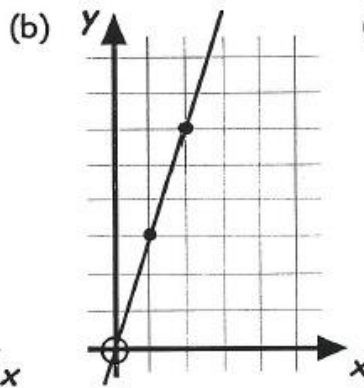
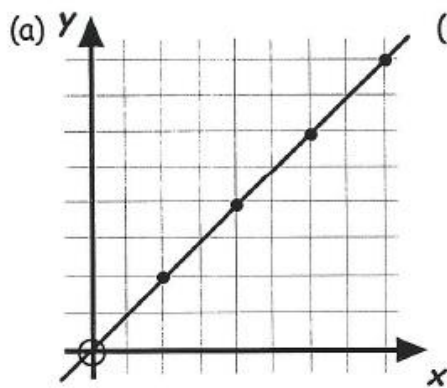
(b) Copy and complete the list of coordinates:  $(0, 0)$ ,  $(1, 2)$ ,  $(2, 4)$ ,  $(\dots)$ ,  $(\dots)$ .

(c) Draw a coordinate diagram, plot the 5 points and complete the line.

2. For each of the following lines :-

(i) Calculate the gradient of the line.

(ii) Write down the equation of the line in the form  $y = \dots x$



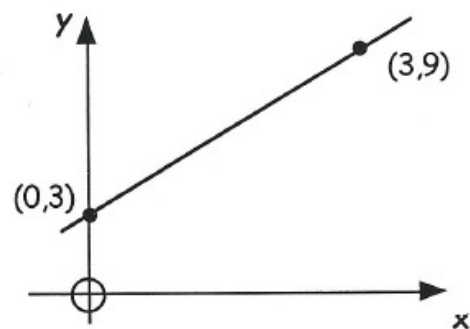
3.

(a) Write down the coordinates of the point where this line cuts the  $y$ -axis.

(b) Calculate the gradient of the line.

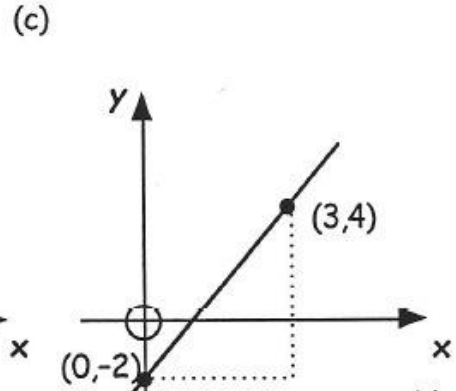
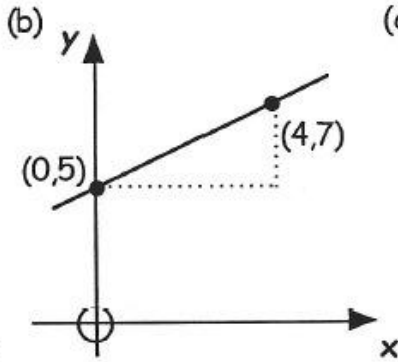
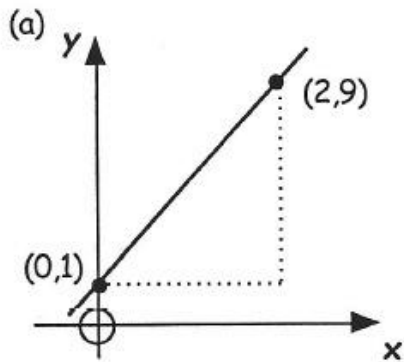
(c) Now write down its equation in the form

form  $y = \dots x + \dots$

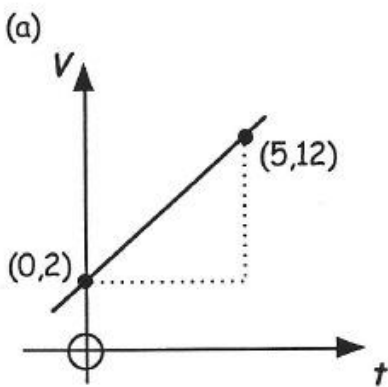




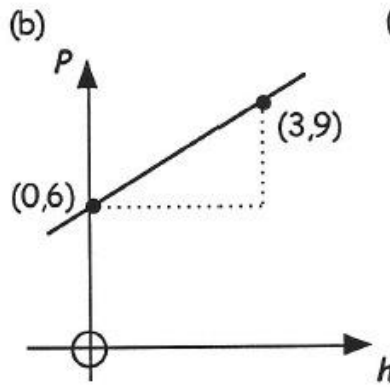
4. Write down the equations of these lines :-  
 (Find the gradients and the points where they cut the y-axis)



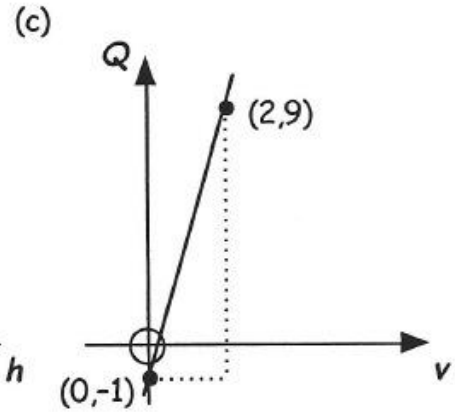
5. Write down the equations of these lines :-



$V = \dots t + \dots$



$P =$



$Q =$