

QUIZ : STRAIGHT LINE (FORM 3)

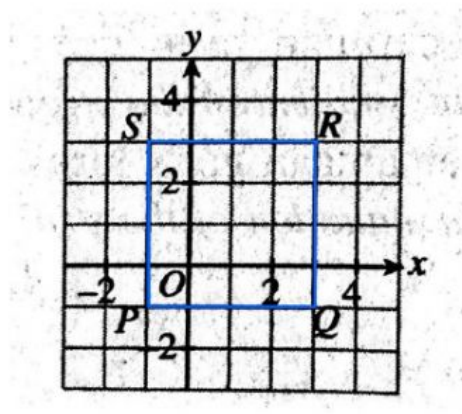
NAME :

CLASS :

1. Complete the table.

Equation	Gradient	y-intercept
$y = 5x + 1$		
$2y = -x - 10$		

2. Based on the diagram, write the equation of the following straight lines.



Answer :

(a) Equation of line PQ :

(b) Equation of line QR

3. Determine whether each of the following pairs of straight lines are parallel. Click the answer.

(a)	$x + y = 5$	YES	NO
	$2x + y = 7$		
(b)	$y = \frac{1}{2}x - 4$	YES	NO
	$2y = x + 6$		

4. Express $\frac{x}{3} + \frac{y}{2} = 1$ in the form $y = mx + c$. Find the values of m and c.

y	$=$	m	x	$+$	c
y	$=$		x	$+$	