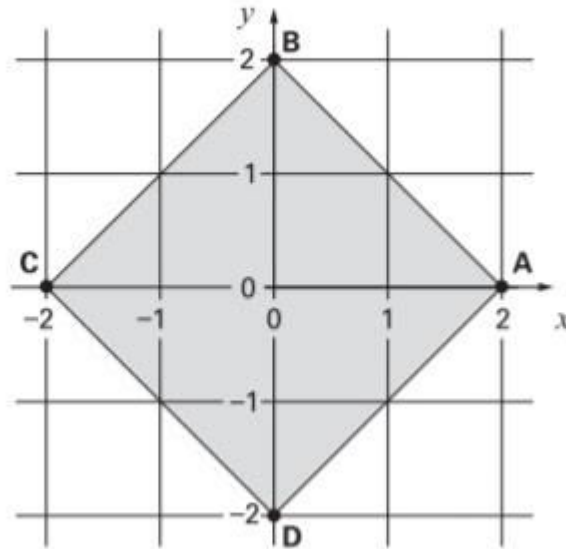


Plotting Straight Line Graphs-Questions

Key Stage 3: 2003 Paper 1 Level 4-6

1.

21. The diagram shows a square drawn on a square grid.



The points A, B, C and D are at the vertices of the square.

Match the correct line to each equation.

One is done for you.



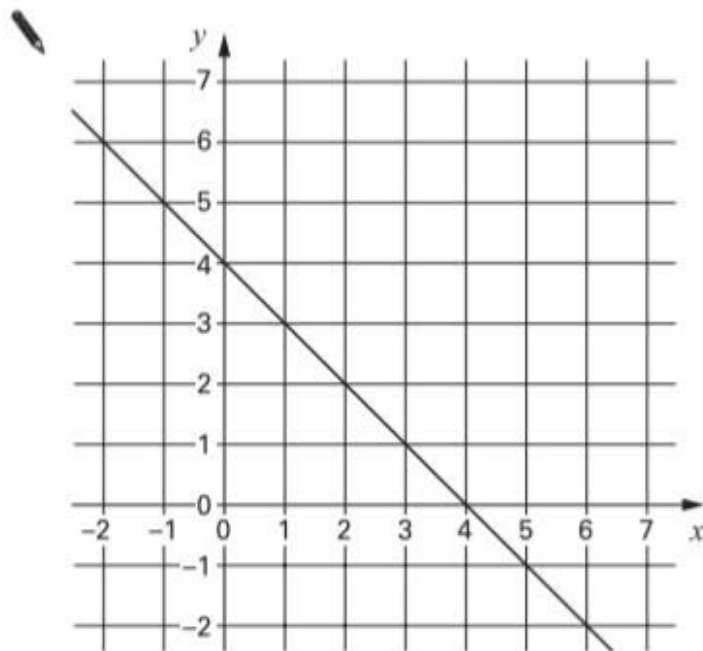
$y = 0$	Line through C and D
$x = 0$	Line through A and C
$x + y = 2$	Line through A and D
$x + y = -2$	Line through B and D
	Line through B and C
	Line through A and B

2 marks

Key Stage 3: 2004 Paper 2 Level 4-6

2.

16. The graph shows a straight line.



(a) Fill in the table for some of the points on the line.

(x, y)	(,)	(,)	(,)
$x + y$			

1 mark

(b) Write an equation of the straight line.

.....

1 mark

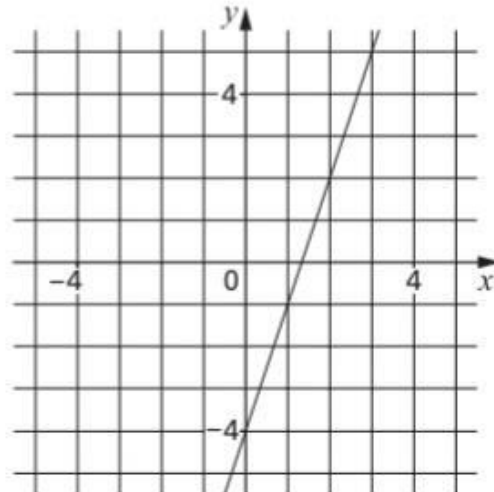
(c) On the graph, draw the straight line that has the equation $x + y = 6$

1 mark

Key Stage 3: 2005 Paper 1 Level 4-6

3.

24. The graph shows the straight line with equation $y = 3x - 4$



- (a) A point on the line $y = 3x - 4$ has an **x -coordinate of 50**
What is the y -coordinate of this point?



.....

1 mark

- (b) A point on the line $y = 3x - 4$ has a **y -coordinate of 50**
What is the x -coordinate of this point?



.....

1 mark