

Linear Relations - Exit Slip # 3

1) Match each equation with a graph on this grid. (4 marks each)

Complete each table.

a)  $y = 2x - 1$

x	y
0	
	0
1	

Graph \_\_\_\_\_

b)  $y = -x + 4$

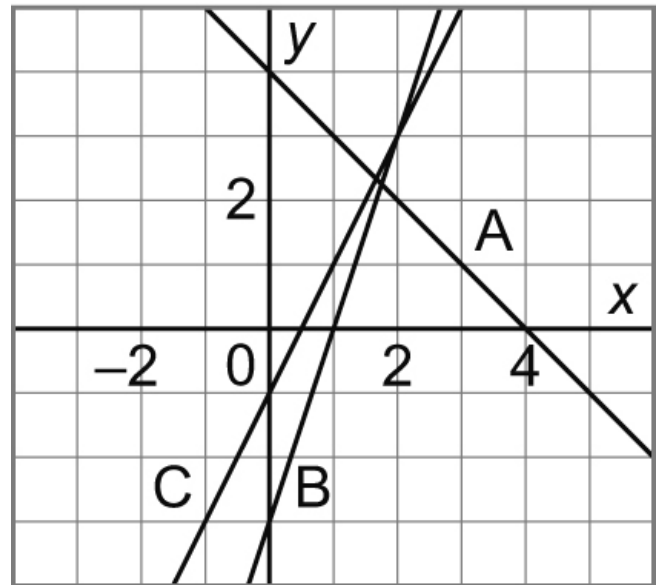
x	y
0	
	0
1	

Graph \_\_\_\_\_

c)  $y = 3x - 3$

x	y
0	
	0
2	

Graph \_\_\_\_\_



2) Match each equation with a graph on this grid (2 marks each)

a)  $y = -1$

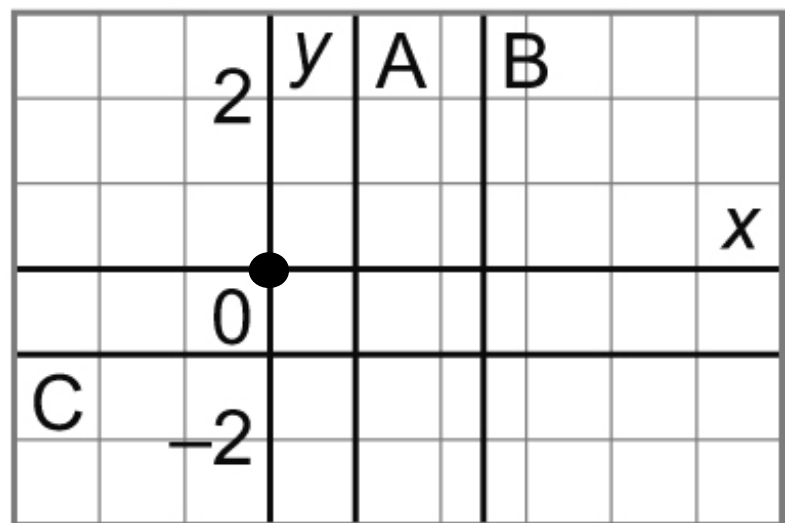
Graph \_\_\_\_\_

b)  $0 = -x + 1$

Graph \_\_\_\_\_

c)  $2 = 2x - 3$

Graph \_\_\_\_\_



Unit 4 Vocabulary ( /23 Marks)

1	Increase		y-coordinate
2	Numerical Coefficient		Contains numbers, variables and/or operation symbols
3	Graph		A mathematical statement that shows two expressions are equal.
4	Linear Relation		x - coordinate
5	Algebraic Expression		The point where a line crosses the horizontal axis
6	Vertical Axis		x-axis
7	Decrease		The point where a line crosses the vertical axis
8	Pattern		To go down
9	Discrete Data		When the graph of a relation is a straight line.
10	Variable		A visual representation that shows a numerical relationship.
11	Constant		A slanted line
12	Equation		A design or sequence that is predictable because part of it repeats.
13	Relation		$X = 4$
14	Horizontal Axis		How much something is worth or the output of a calculation.
15	Ordered Pair		$Y=3x + 7$
16	(2, 7)		When two variables are related, they form a ...
17	Value		$Y=3x + 8$
18	(3, 4)		A set of two numbers named in a specific order; represented by (x, y)
19	Vertical Line		Data on the graph that is not joined with a line.
20	Horizontal Line		y-axis
21	Oblique Line		To go up
22	Y - intercept		$Y = 6$
23	X - intercept		$Y=5x +$