

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

Complete each table.

a) $y = 2x - 1$

x	y
0	-1
0.5	0
1	1

Graph C

b) $y = -x + 4$

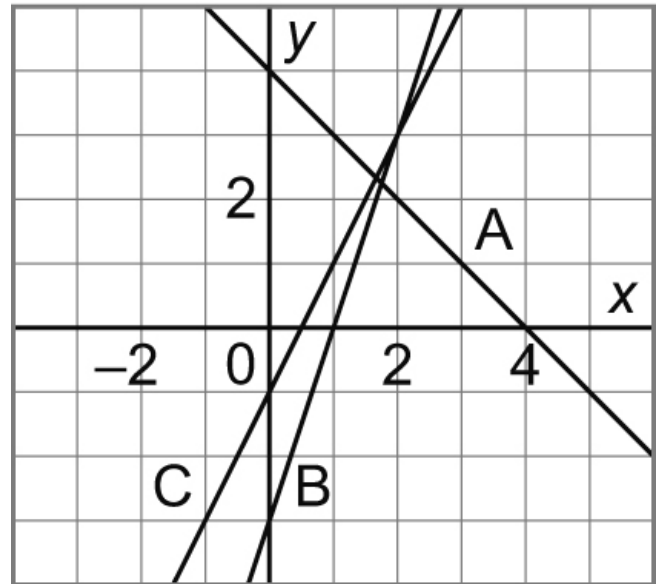
x	y
0	4
4	0
1	3

Graph A

c) $y = 3x - 3$

x	y
0	-3
1	0
2	3

Graph B



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

a) $y = -1$

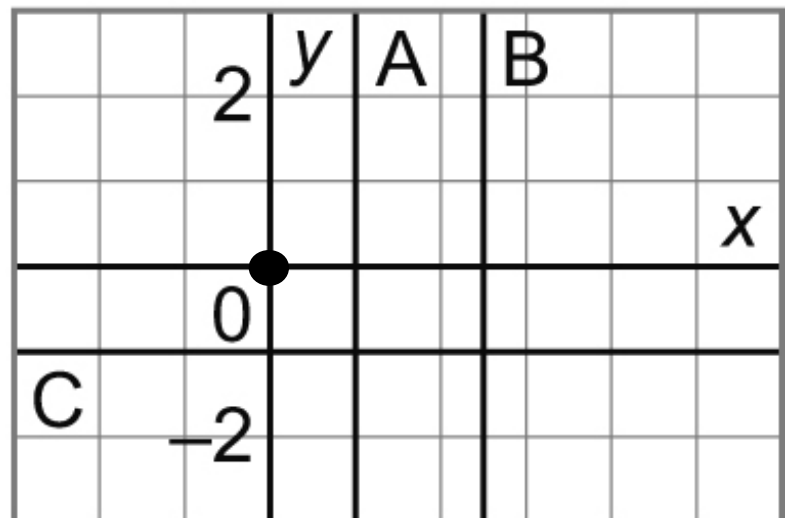
Graph C

b) $0 = -x + 1$

Graph A

c) $2 = 2x - 3$

Graph B



Unit 4 Vocabulary (/23 Marks)

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