COMPLETING TABLES USING EQUATION OF LINES OF CO-ORDINATES

1. Given that X=Y+ 2, complete the table below.

	6	.....	-2	.....	1/2
Y	.....	1	.....	0	.....

2. Given that Y = X – 1, complete the table below.

X	.....	0	.....	*7*	.....
Y	2	.....	*4*	.....	*9*

3. Given that Y= 2x-1, complete the table below.

X	5	.....	1/2	.....	-5
Y	.....	7	.....	-9	.....

4. The equation of a line is Y= 2X - 5. Fill in the table below correctly.

X	2	.....	4	.....	5
Y	.....	-5	.....	7	.....

5. Given that the set of X-co-ordinates is { -1, 0 ,1 ,2 ,3, ...}.Calculate the corresponding co-ordinates using the equation of the line Y= 2X - 3.

The equation of the line is Y = X + 4.

6. Make a table for the co-ordinates of the line using the values of X between -2 and +6.

Draw the line on the co-ordinate graph to show the X and Y co-ordinates.

7. Use the equation Y = 2X – 1 to complete the table below.

X	.....	-3	.....	1	.....	3
Y	-9	.....	-5	.....	3	5

8. Given that Y = -2X + 4, use the equation to complete the table below.

X	-3	-2	-1	0	1	2
Y	10	.....	.....	.....	.....	.....

9. Given the table below for the line Y = 2X – 3. Use the equation to complete it.

X	-2	.....	0	.....	2
Y	.....	-5	.....	-1	.....