hmetic sequence.

1 , 5 , 9 , 13 , 17 , ... , ...

(i) ... next two terms

.....

(ii) ... m

.....

(iii) Wha... the sequence

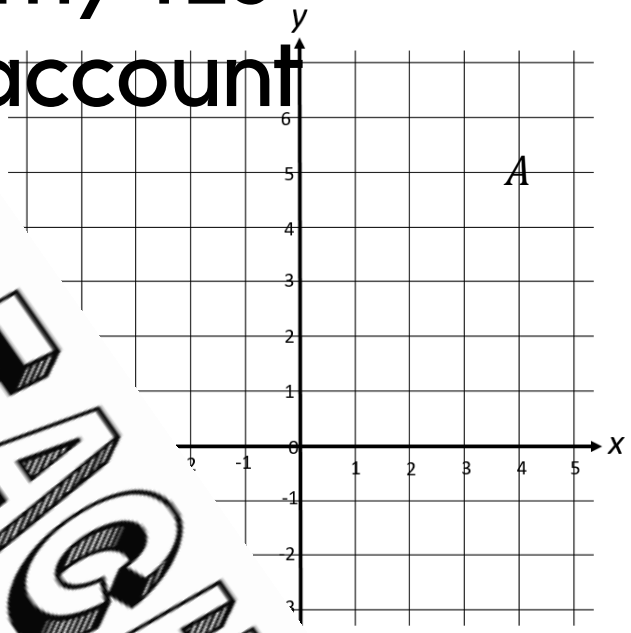
(5 marks)

2.

(a) Write down ...

.....

(b) Plot the coordinate B



(c) Write down the midpoint of ...

.....

(4 marks)

3. Simplify $4g + 8g^2 - 2g + 5g^2$

.....

(1 mark)

4. Simplify $6a \times 5b$

.....

...ark)

5. $a = 3 \quad b = 4 \quad c = -1$

Work out the value of $ab - 3c$

....

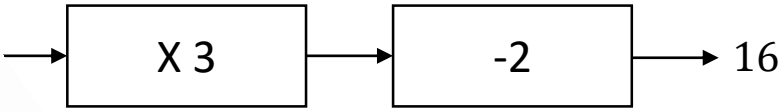
...marks)

6. Simplify $(a^4)^3$

.....

(1 mark)

7. C…



$x =$……

(1 mark)

8. Simp… $+ h^3$

……

(1 mark)

9. Expand …

……

(1 mark)

10. Factorise $30x$ …

……

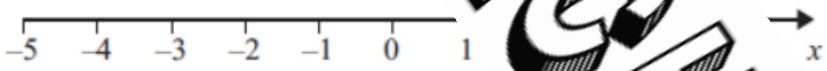
(2 marks)

11. Solve $3x - 1 = 14$

$x =$……

(2 marks)

12. Show the inequality $-4 \leq x <$ … line below.

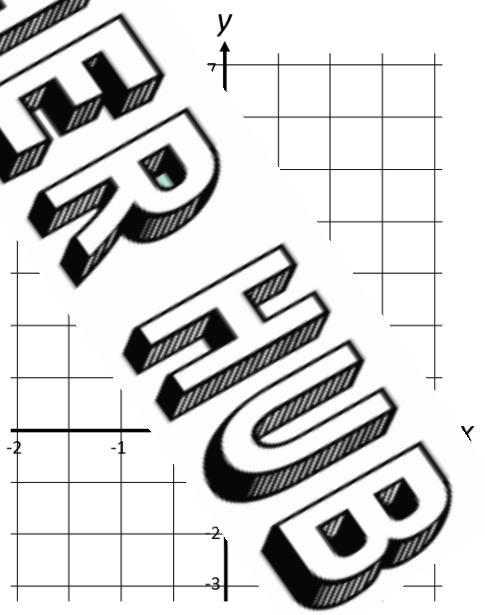


(2 marks)

13. Complete the table of values for $y = -$ …

x	-2	-1	0	1	2
y					

On the grid draw the graph of $y = -2x + 1$



(4 marks)

Score =