1. H… arithmetic sequence.

7 , 12 , 17 , 22 , 27 , … , …

…n the next two terms

(i… …

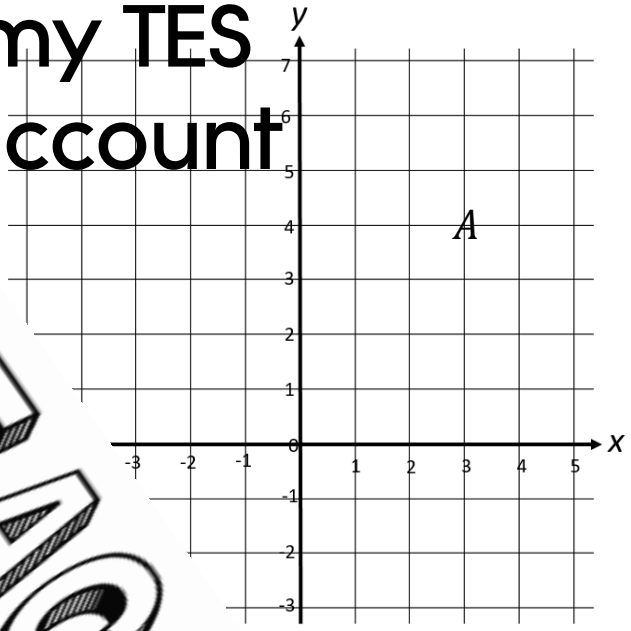
(iii) W… …m (3 marks)

2.

(a) Write do… *A*

……

(b) Plot the coordinate



(2 marks)

3. Simplify $2a + 3b + a + 4b$

……

(1 mark)

4. Simplify $4 \times r \times r \times 7 \times s$

……

(1 mark)

5. $a = 3 \quad b = 5 \quad c = -2$

Work out the value of $5a + 2c$

…

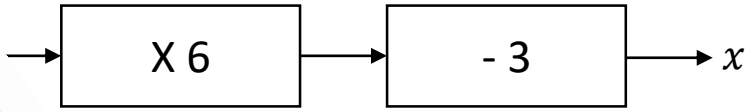
…ks)

6. Simplify $\dfrac{f^{10}}{f^2}$

……

(1 mark)

7. C[illegible]



$x =$.....

(1 mark)

8. Simp[illegible] $b \times b$

.....

(1 mark)

9. Expand [illegible]

.....

(1 mark)

10. Factorise $15a$ -

.....

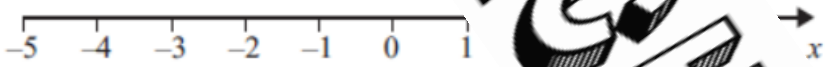
(2 marks)

11. Solve $3x = 24$

$x =$.....

(1 mark)

12. Show the inequality $x \geq 1$ on [illegible] below.

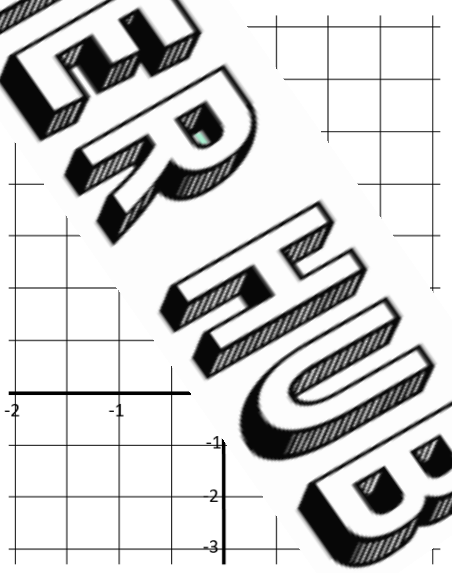


(1 mark)

13. Complete the table of values for $y = 3x$ [illegible]

x	-2	-1	0	1	2
y					

On the grid draw the graph of $y = 3x - 1$



(4 marks)

Score =