

Solomon Practice Paper

Pure Mathematics 2H

Time allowed: 90 minutes

Centre: www.CasperYC.club

Name:

Teacher:

Question	Points	Score
1	6	
2	6	
3	7	
4	9	
5	10	
6	12	
7	12	
8	13	
Total:	75	

How I can achieve better:

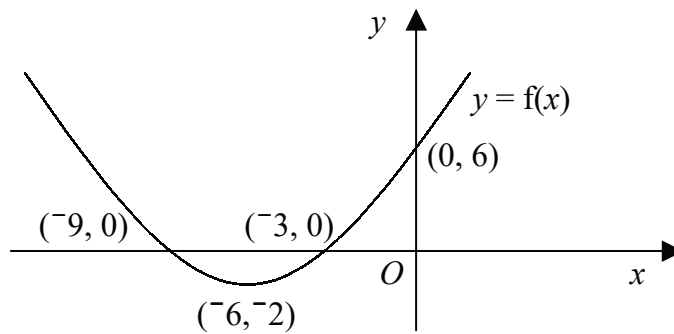
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Last updated: December 24, 2025



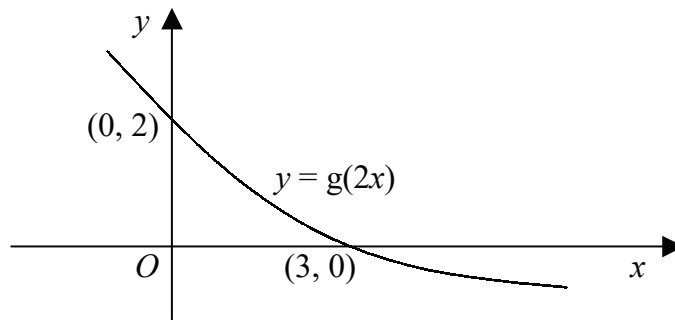
4. (a) Figure shows the curve $y = f(x)$ which has a minimum point with coordinates $(-6, -2)$. [6]
 The curve meets the coordinate axes at the points $(-9, 0)$, $(-3, 0)$ and $(0, 6)$.



Showing the coordinates of any turning points and any points where each curve meets the coordinate axes, sketch on separate diagrams graphs of

- i. $y = f(x - 3)$,
- ii. $y = 2 + \frac{1}{2}f(x)$.

- (b) Figure shows the curve $y = g(2x)$ which meets the coordinate axes at the points with coordinates $(3, 0)$ and $(0, 2)$. [3]



Showing the coordinates of any points where the curve meets the coordinate axes, sketch the graph $y = g(x)$.

Total: 9



