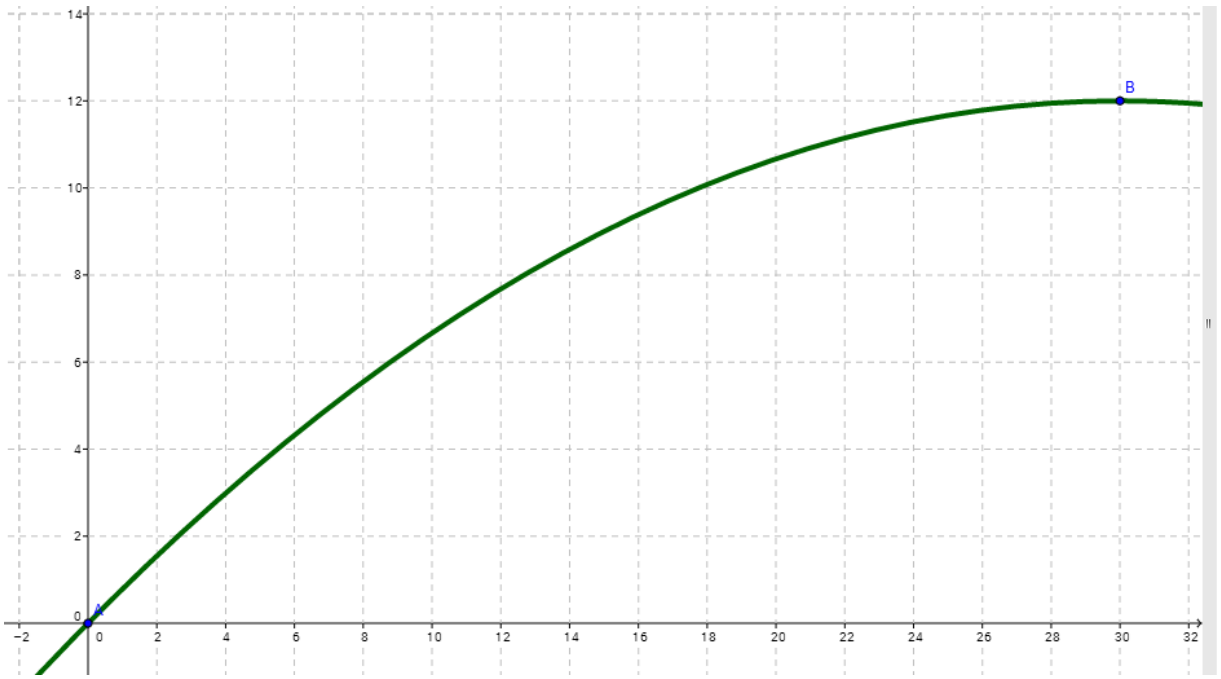
Student 6: High Not Achieved

NZQA Intended for teacher use only



I drew a quadratic on geogebra which went through (0,0) and (30,12)
Here is a screenshot of my function.
We only need the bit of the graph from x = 0 to 30 for the first half of the bridge.
The quadratic works because it has a vertex of 12 when x =30, which is the top of the bridge.
If I continued it it would go through (60,0) because it is symmetrical about the vertex.

1

© NZQA 2019