

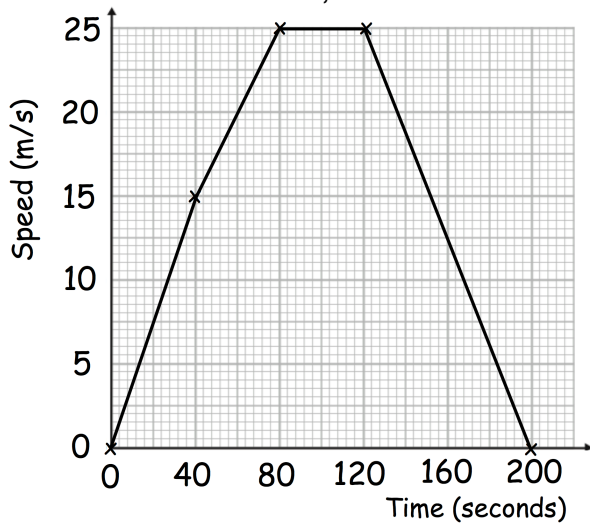
Find the area of the triangle in terms of x .

Given

$$y = \frac{5\sqrt{3}}{2}$$

Write an expression for y^3

The graph shows information about the speed of a train during its journey between two stations, A and B.



The train is halfway between stations A and B at x seconds.

Find x

The point $(-5, 1)$ is the turning point of the graph of $y = x^2 + ax + b$

Find a and b