

Sample Activity of Integration

Mr. Mwesigwa Frank the architect was hired by Fahima to place and show the right sizes of her house in dimensions of 24m by 9m by 4.5 in form of a cuboid with a pyramid of slanting length 13m at her village home in Mityana. She also wants to place one of the outside light along the diagonal of the faces at a distance of 1m from the vertex of the cuboidal face.

Support:



Task:

As a mathematics student present the plan of the house indicating all the positions of the light on the house.

Topic Summary:

A three dimensional figure is defined in terms of length, width/breadth and height.

Any vertex of a figure is a point where 2 or more lines meet, the edge is a line that joins any two vertices and a surface between three or more

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Any vertex of a figure is a point where 2 or more lines meet, the edge is a line that joins any two vertices and a surface between three or more lines is a plane.