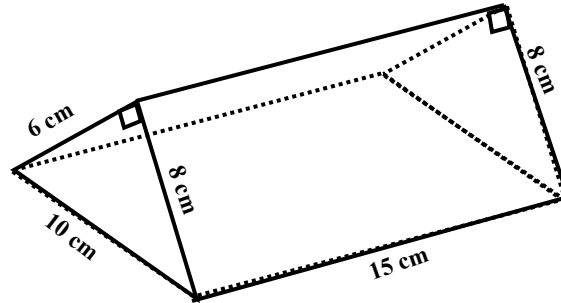


# How To Find The Surface Area Of A Triangular Prism Using Its Net

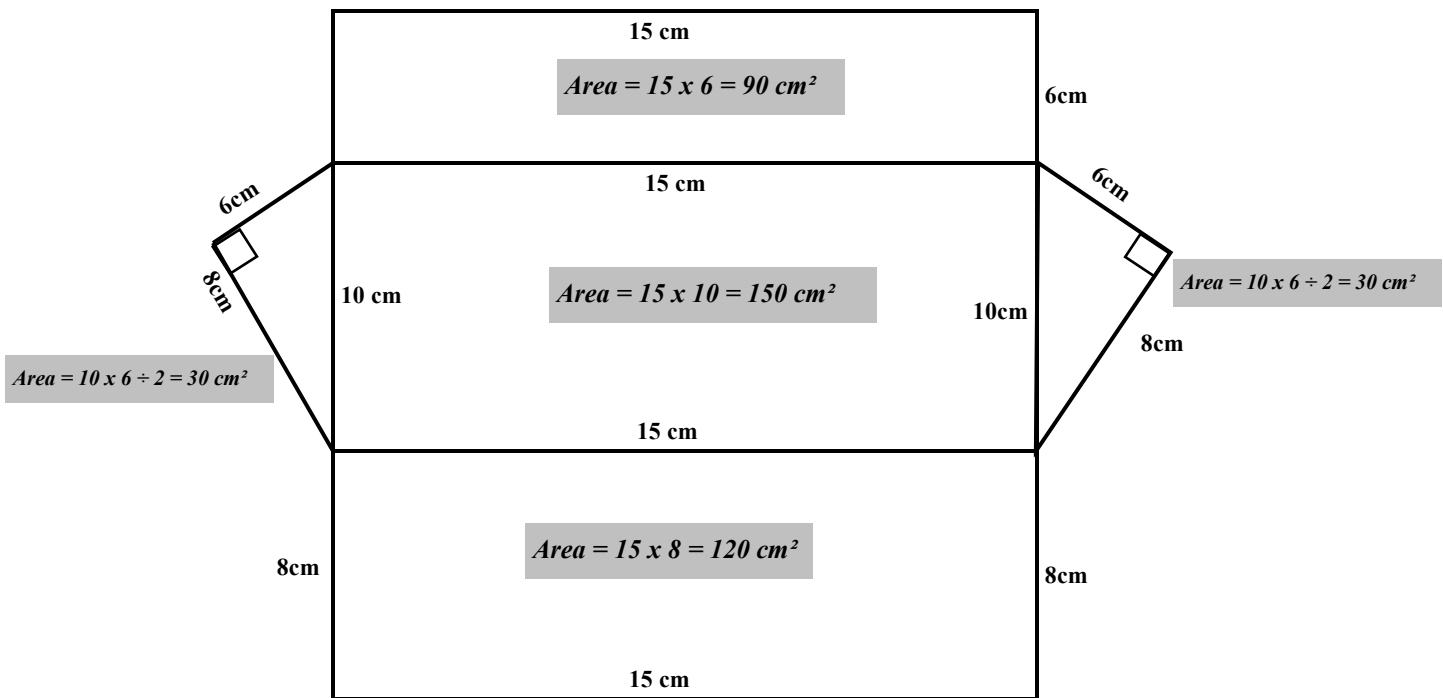
## Step by step lesson to find the triangular prism surface area using its net

This lesson is to help students to know how to find the surface area of a triangular prism by drawing the net of the given prism.

Carefully look at the given prism below to draw a net, including the units of measure.



Below is the net of the above prism, along with the measurement of each edge. Now the net is made up of three rectangles and two triangles. Find the area of each rectangle and triangle individually, and then add all the areas to find the surface area of the given prism.



Now add the areas of all the faces as calculated on the prism net; as shown below:

$$\text{Surface area of the triangular prism} = 90 + 150 + 120 + 30 + 30 = 320 \text{ cm}^2$$