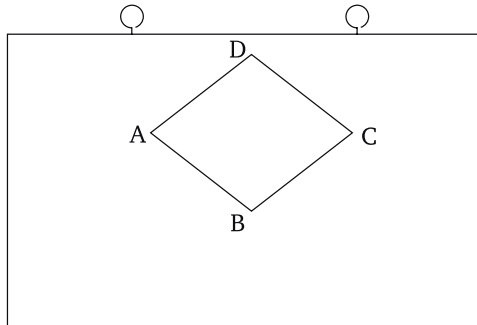


**To do and Observe :**

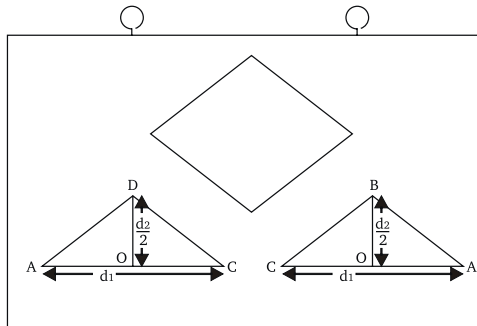
Step 1:

Take the given rhombus and fix it to the base using pins as shown below.



Step 2:

Now fix two cut pieces below the first rhombus as shown.



Now Area of Rhombus ABCD = 2 (Area of triangle ACD )  
= 2 x 1/2 (AC x DO)  
= AC x DO  
= AC x BD / 2

**Result :**

**Area of rhombus = 1/2 (product of diagonals)**



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## AREA OF A RHOMBUS

To show that area of a rhombus = 1/2 (product of diagonals)

**Assembly :**

Consists of a rhombus and another congruent rhombus cut into two congruent triangles made out of a 12mm viva rubber of the following dimensions. A base of 280mm x 230 mm made of 12mm viva rubber with hooks and pins are part of the kit.

