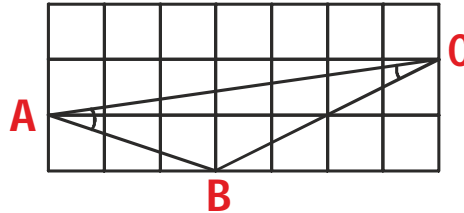


01

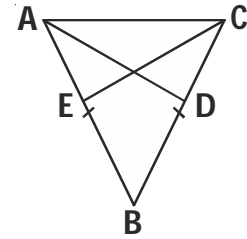
In the given figure (made up of unit squares), find the sum of $\angle BAC$ and $\angle BCA$.



Your solution here:

02

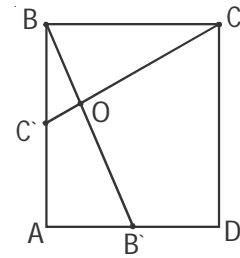
AD and CE are the medians of the isosceles triangle ABC shown in figure, where $AB = CB$. Show that the medians are equal in measure.



Your solution here:

03

ABCD is a square C' is a point on BA and B' is a point on AD such that BB' and CC' are perpendicular. Show that AB'B and BC'C are congruent.



Your solution here:

04 Show that the medians of a triangle pass through the same point which divides each of the medians in the ratio 2 : 1.

Your solution here: