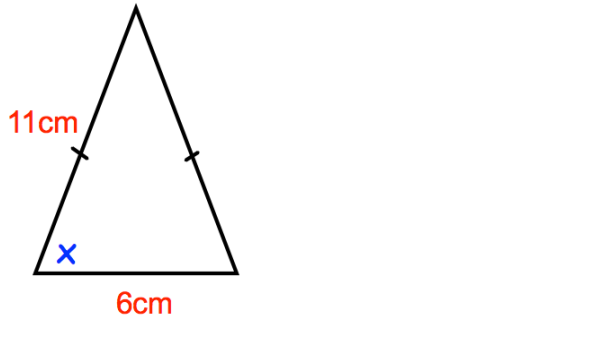


17th August



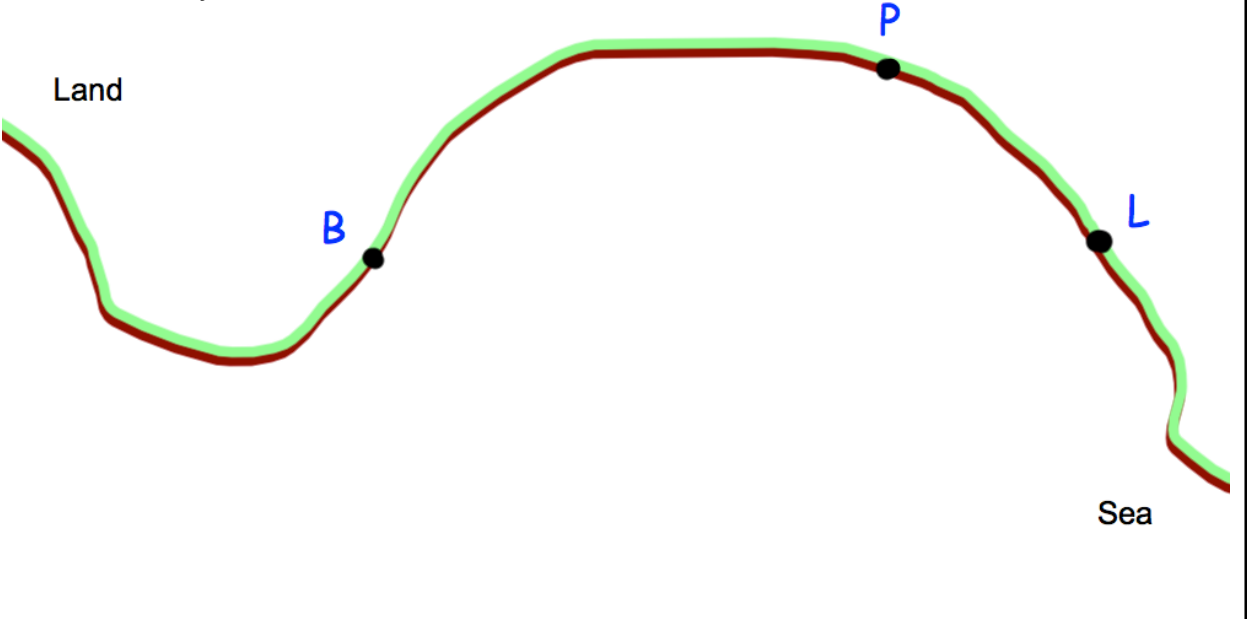
Corbettmaths



Find the size of x .

At a university, the ratio of women to men is 4:3.
 70% of the women are under the age of 30.
 35% of the men are over the age of 30.
 What percentage of all the people at the university are over 30?

A yacht leaves the port, P, on a course that is an equal distance from PB and PL.
 Using ruler and compasses only, construct the course on the diagram.
 You must show your construction arcs.



Expand $\sqrt{2}(\sqrt{18} - \sqrt{2})$