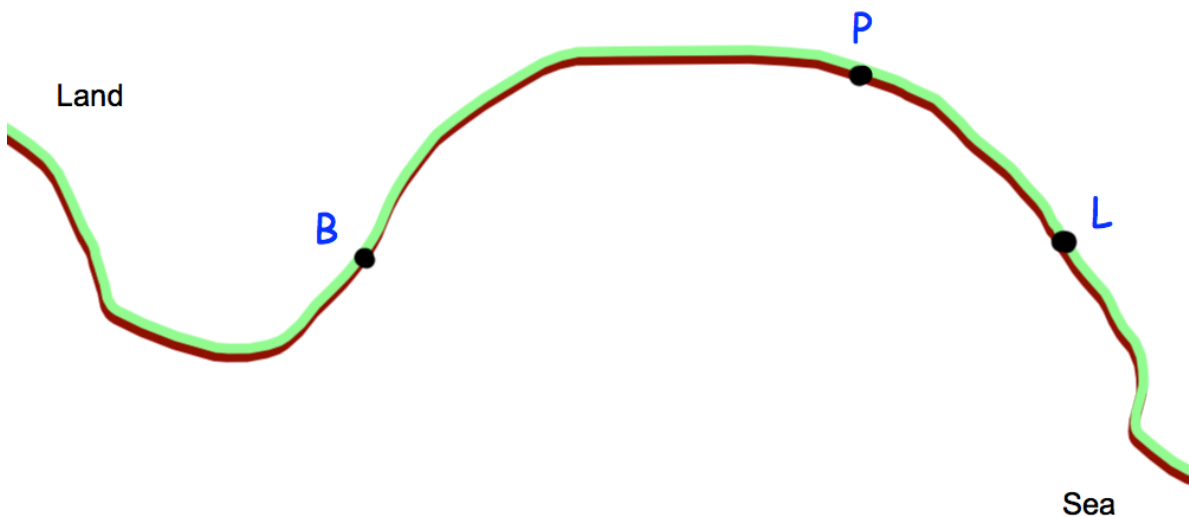


Shown is a regular decagon.

Find the size of each interior angle,  $a$ .

Expand and simplify

$$(y - 8)(y - 8)$$



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.

Solve the simultaneous equations

$$2x - 5y = 85$$

$$x - 5y = 65$$