23rd September

Shown is a regular decagon. Find the size of each interior angle

Expand and simplify

\[(y - 5)(y - 5)\]

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.

Solve

\[3x - 2y = 14\]
\[x + 2y = 10\]