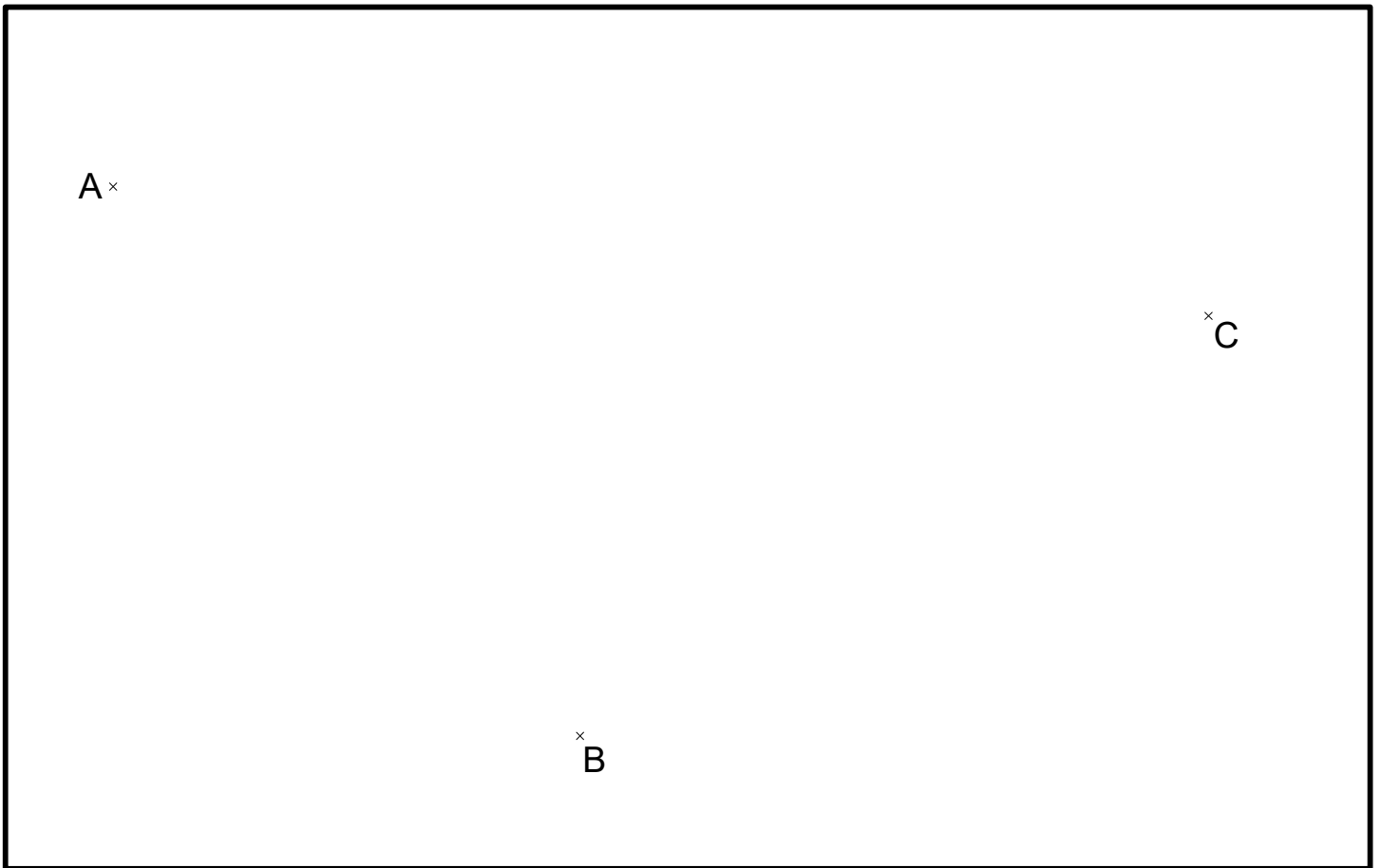


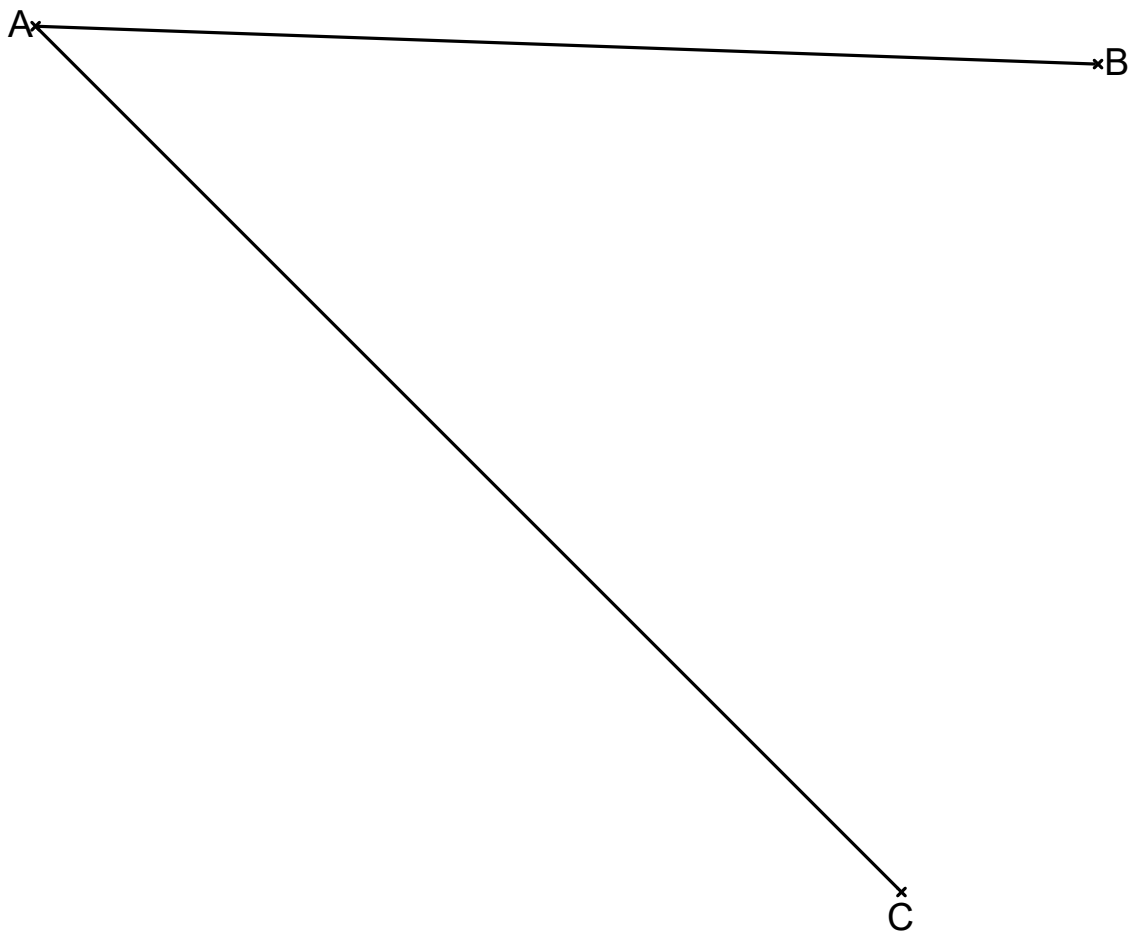
Q1 Billy wants to build a path in his garden. He wants the path to run in a single arc and go through points A, B and C.

Construct the line of the path for Billy.



Q2 An aircraft takes off from an airport at A.
It needs to fly on a course keeping equidistant from AB and AC.

A) Plot the path of the aircraft.



Scale: 2 cm: 5 miles

B) When the aircraft has travelled 30 miles along its path, how far is it from Airport C?