

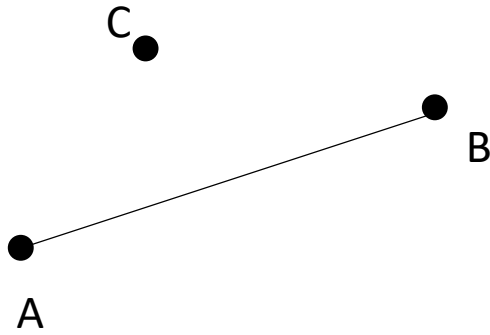


Timester Challenge

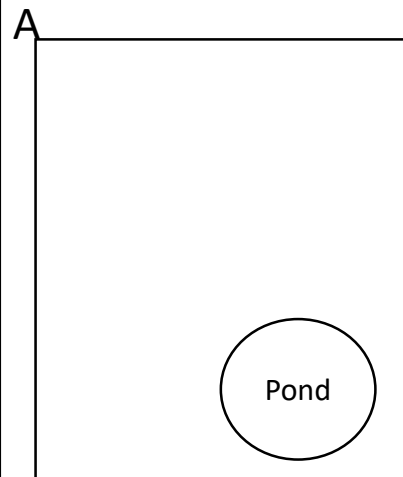
Loci and Construction



Draw a line perpendicular to the line AB that passes through the point C

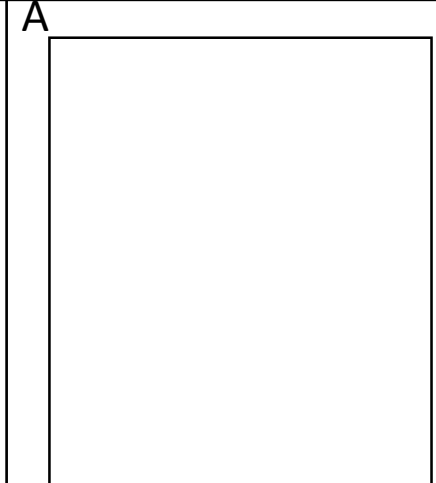


Bronze ★



1cm = 5m
John wants to build a patio Closer to AC than BD. It also needs to be at least 15m away from the centre of the pond.

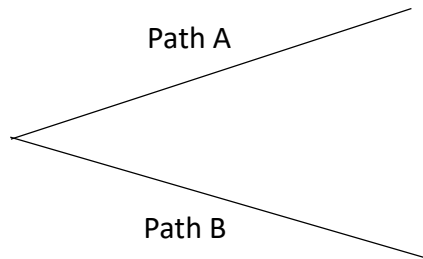
Silver ★



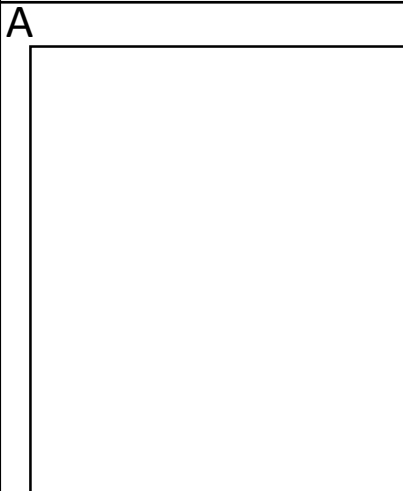
Shade the region that is closer to A than D and at least 4 cm away from C.

Gold ★

A council wants to build a fence that is equidistant between to paths. Show where the fence should go.

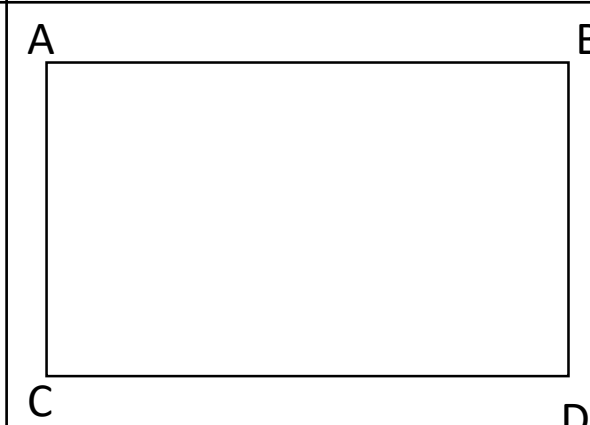


Bronze ★



Shade the region that is closer to AB than CD and at least 3cm away from B.

Silver ★



Shade the region that is closer to C than B and nearest to the line AB.

Gold ★