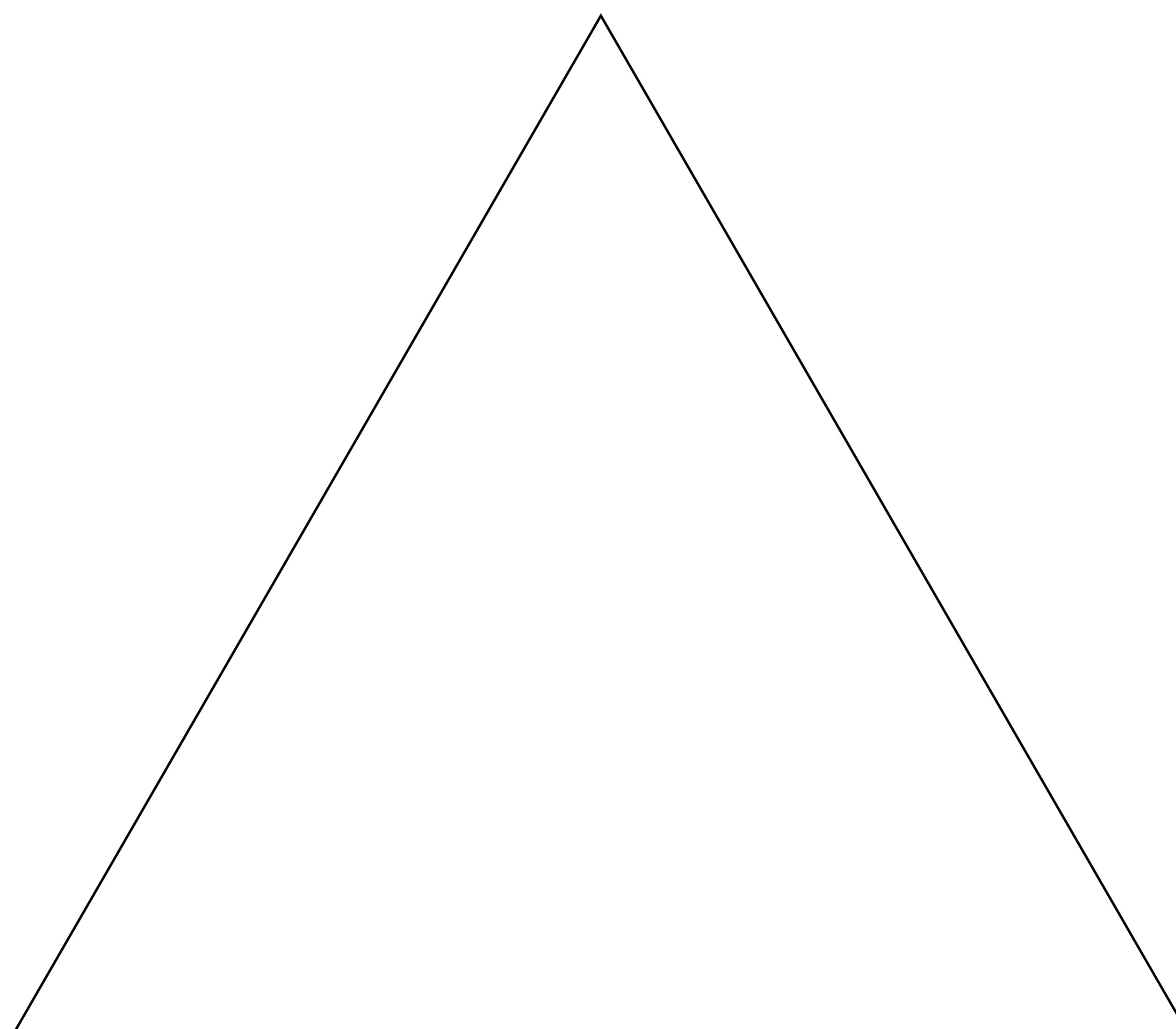
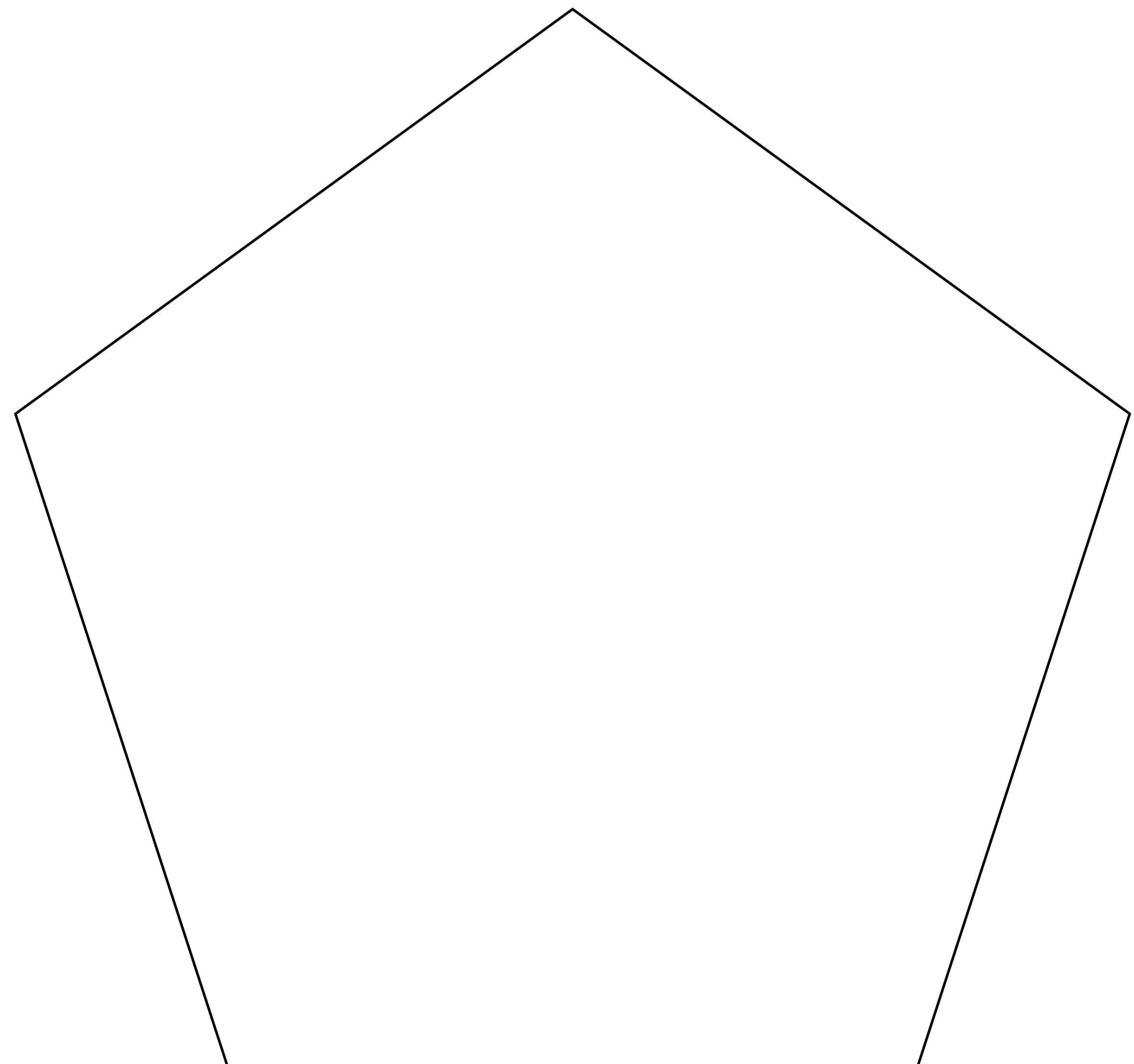


Class XII

Exercise Sheet 12

Consider the shapes given below. For each shape, join the midpoints of each edge to get a smaller version of the shape inside it. Repeat the process as many times as you can.



OPTIONAL: Now, instead of joining the midpoints which are at a distance of half the edge length from the vertex, take any shape out of the previous three and explore what happens when we try to join points at a distance of a third of the edge length? You can also try using other ratios like 1:4, 1:6.

