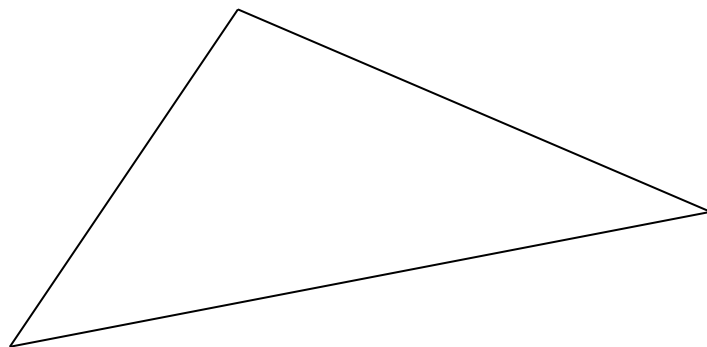
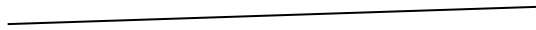
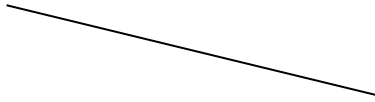


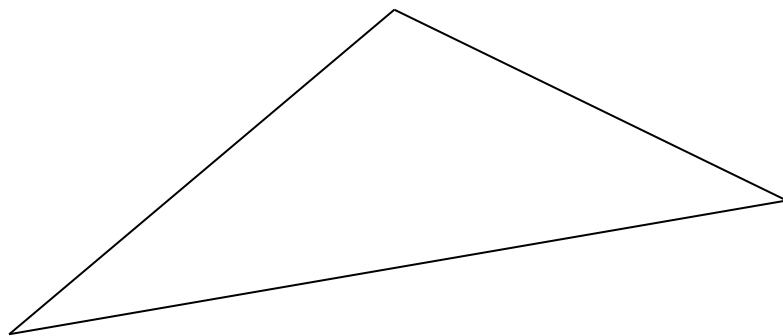
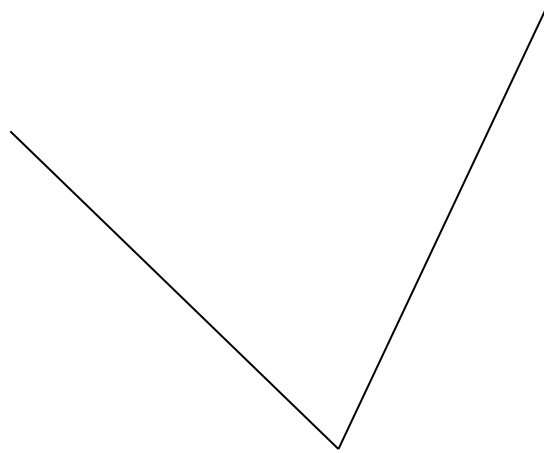
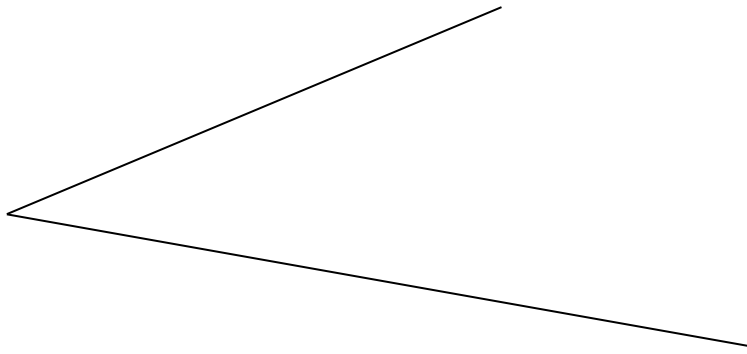
Transformations and Loci Booklet (It is essential you can do ALL these ideas. There are a lot of marks available for this in the examination)

Work on THESE sheets where possible

Perpendicular bisectors – bisect all the lines on these diagrams



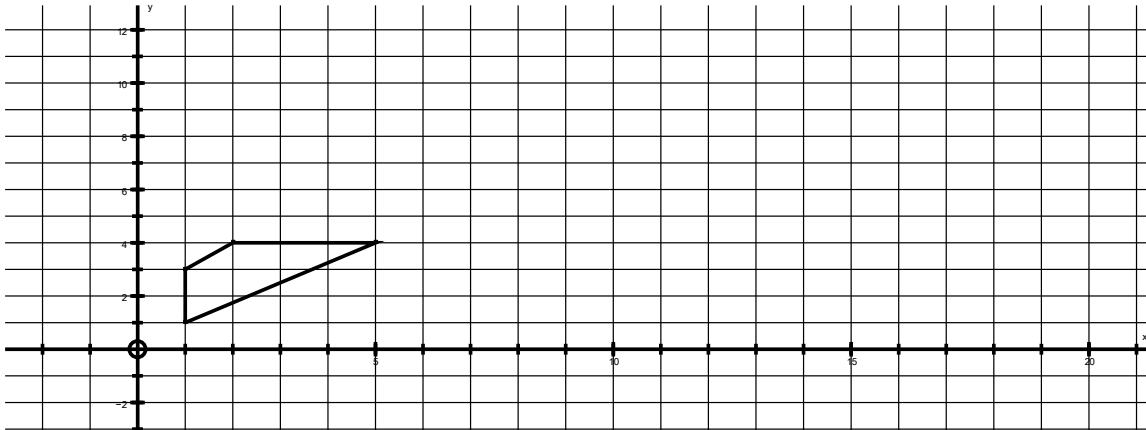
Angle bisectors – bisect each of the angles below



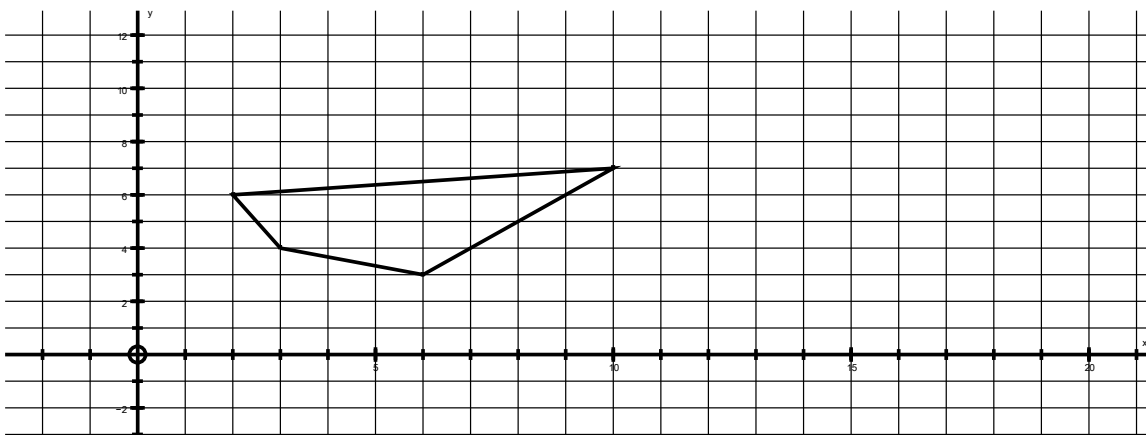
Enlargements

Using the origin as the centre of enlargement, enlarge the following shapes by the given scale factor(s)

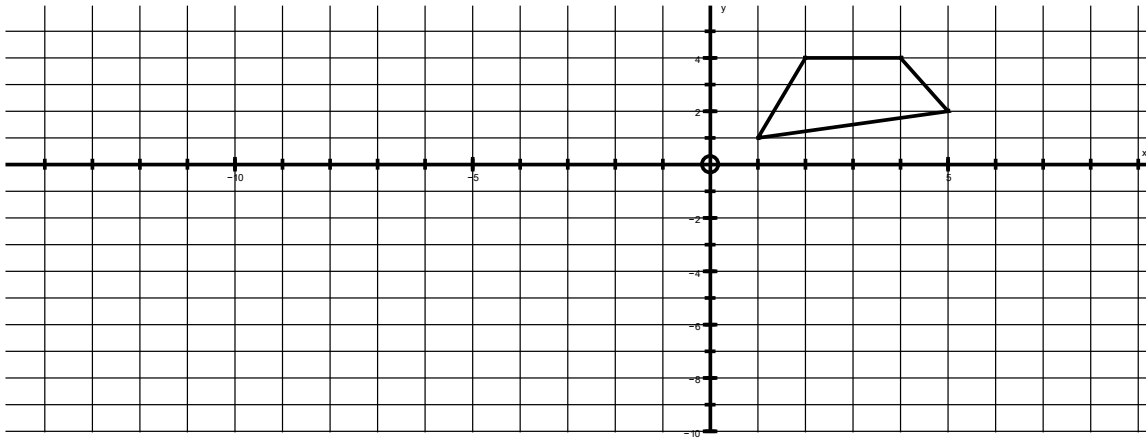
- a) By a factor of 3
- b) By a factor of 2



- a) By a factor of 2
- b) By a factor of $\frac{1}{2}$



- a) By a factor of -2
- b) By a factor of -0.5



Describe each of the following transformations (from shape to shape B) by showing how to find the centre of enlargement (mark it on the diagram) AND giving the scale factor

