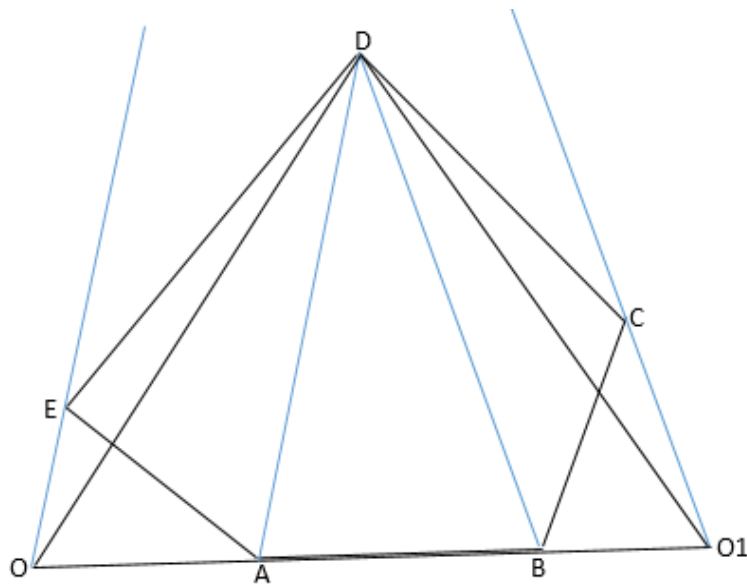


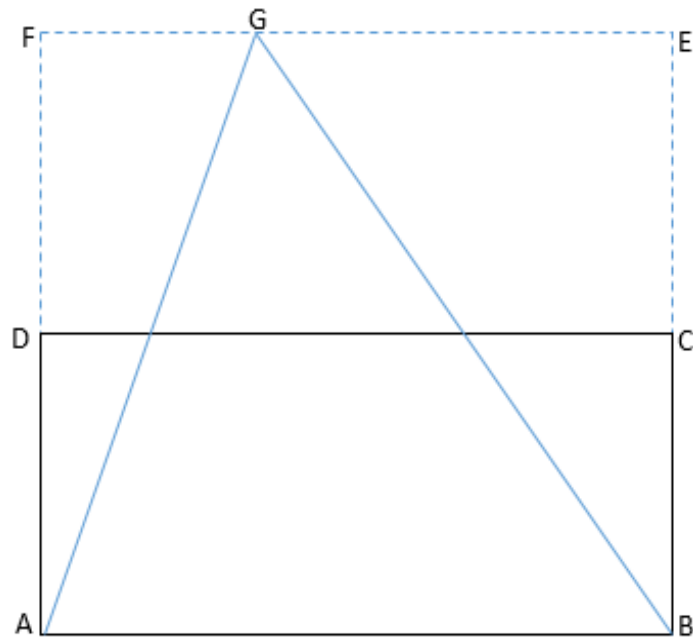
CLASS: JSS 2

EQUAL AREAS OF SIMILAR FIGURES

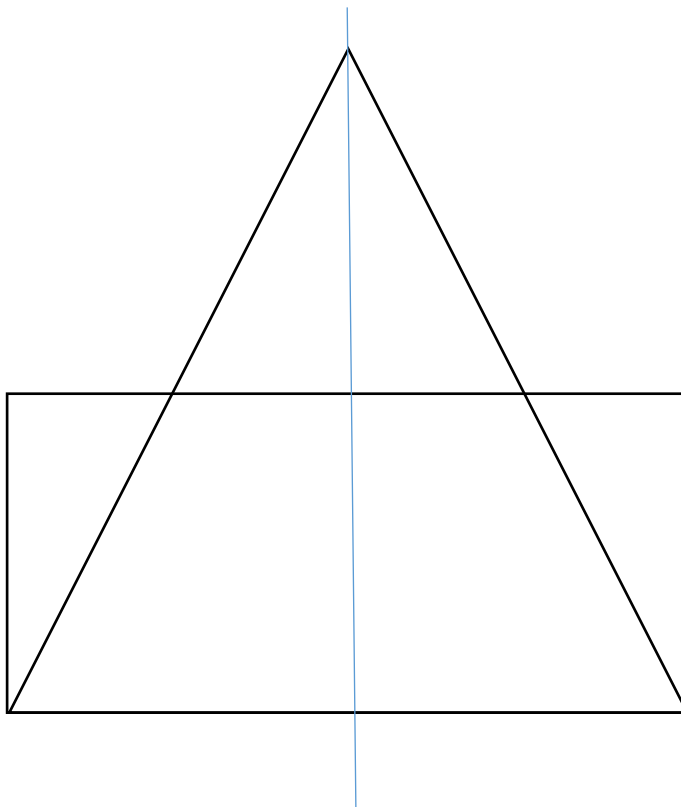
To construct an irregular pentagon ABCDE equal in area to a triangle with the following dimensions; AB= 50mm, BC= 70mm, CD= 75mm, EA= 40mm, DE= 90mm, angle at A = 150° and angle at B= 120°



To convert a rectangle to an equal area triangle



To convert a triangle to an equal area rectangle



Assignment:

1. What is a tangent?
2. Draw a circle of radius 25mm and construct a tangent on it.