Constructing a Unique or Special Triangle part 2b Questions

1) (a) Using rulers and compasses only, construct the triangle ABC, with AB= 11cm, BC=9cm and AC= 7cm. Show all construction lines clearly.
   (b) Measure and state the size of angle CAB

2) (a) Using rulers and compasses only, construct the triangle DEF, with DE= 9.5cm, EF=6.5cm and DF= 7.5cm. Show all construction lines clearly.
   (b) Measure and state the size of angle DEF

3) (a) Using rulers and compasses only, construct the triangle STU, with ST= 10.5cm, TU=8cm and SU= 6cm. Show all construction lines clearly.
   (b) Measure and state the size of angle SUT

4) (a) Using rulers and compasses only, construct the triangle XYZ, with XY= 11.5cm, YZ=9.5cm and XZ= 8cm. Show all construction lines clearly.
   (b) Measure and state the size of angle ZXY