

Constructing a Unique or Special Triangle part 2 Questions

- 1) (a) Using rulers and compasses only, construct the triangle EDF, with $ED=11\text{cm}$, $DF=9\text{cm}$ and $EF=7\text{cm}$. Show all construction lines clearly.
(b) Measure and state the size of angle EDF

- 2) (a) Using rulers and compasses only, construct the triangle GHI, with $GH=9.5\text{cm}$, $HI=6.5\text{cm}$ and $GI=7.5\text{cm}$. Show all construction lines clearly.
(b) Measure and state the size of angle GIH

- 3) (a) Using rulers and compasses only, construct the triangle JKL, with $JK=10.5\text{cm}$, $KL=8\text{cm}$ and $JL=6\text{cm}$. Show all construction lines clearly.
(b) Measure and state the size of angle LJK

- 4) (a) Using rulers and compasses only, construct the triangle MNO, with $MN=11.5\text{cm}$, $NO=9.5\text{cm}$ and $MO=8\text{cm}$. Show all construction lines clearly.
(b) Measure and state the size of angle MNO