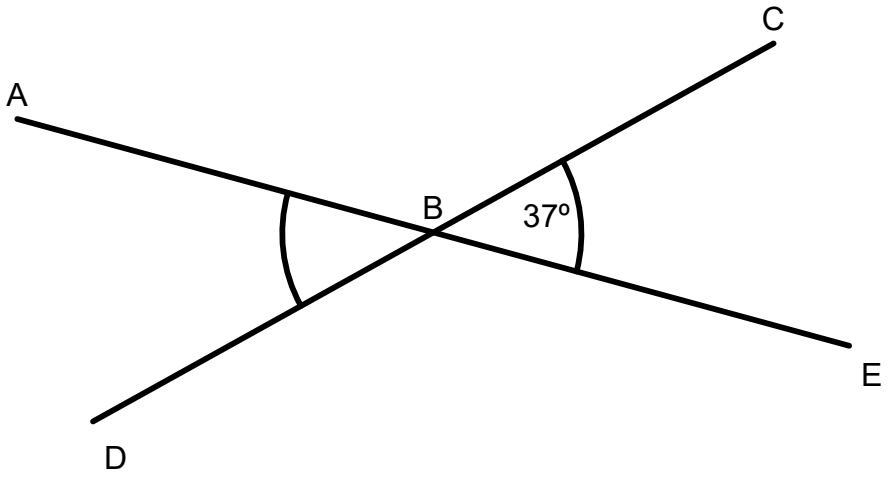
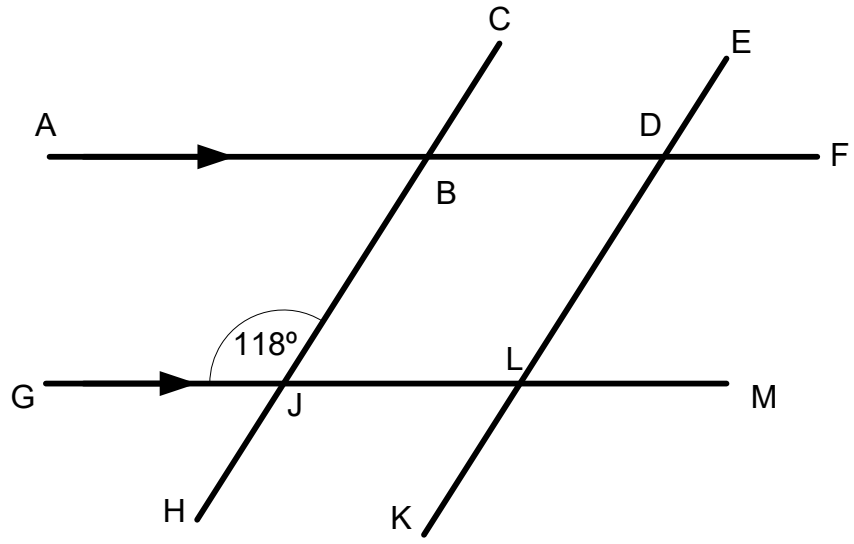


∠ ABD = _____ (_____)

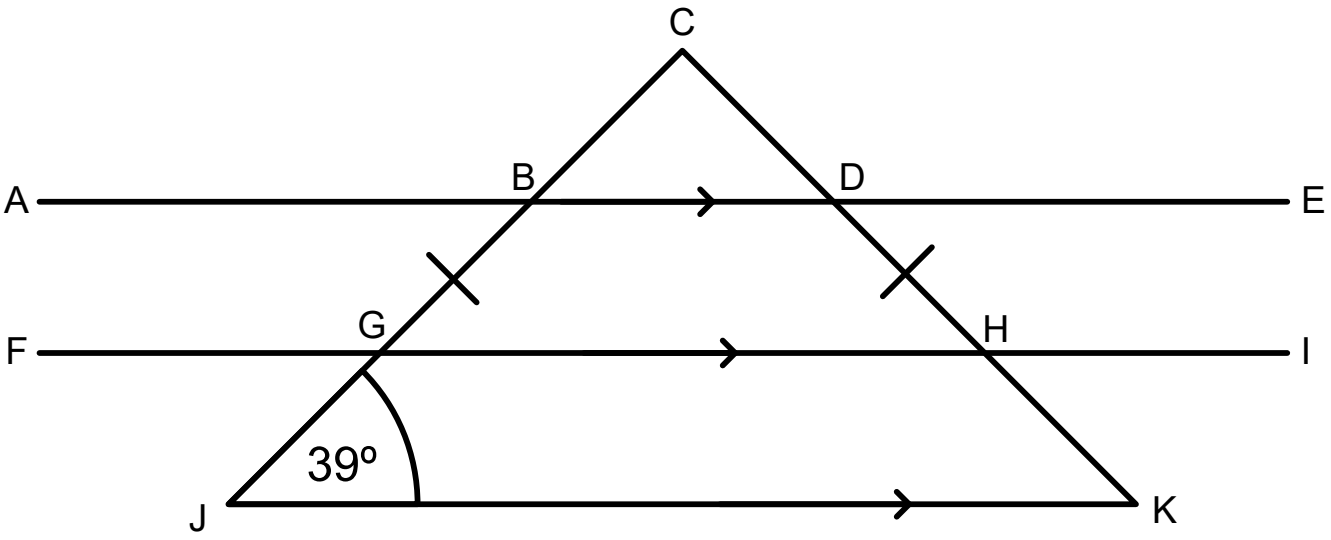


∠ GJB = _____ (Given)

∠ JLD = _____ (_____)

∠ BDE = _____ (_____)

∠ EDF = _____ (_____)



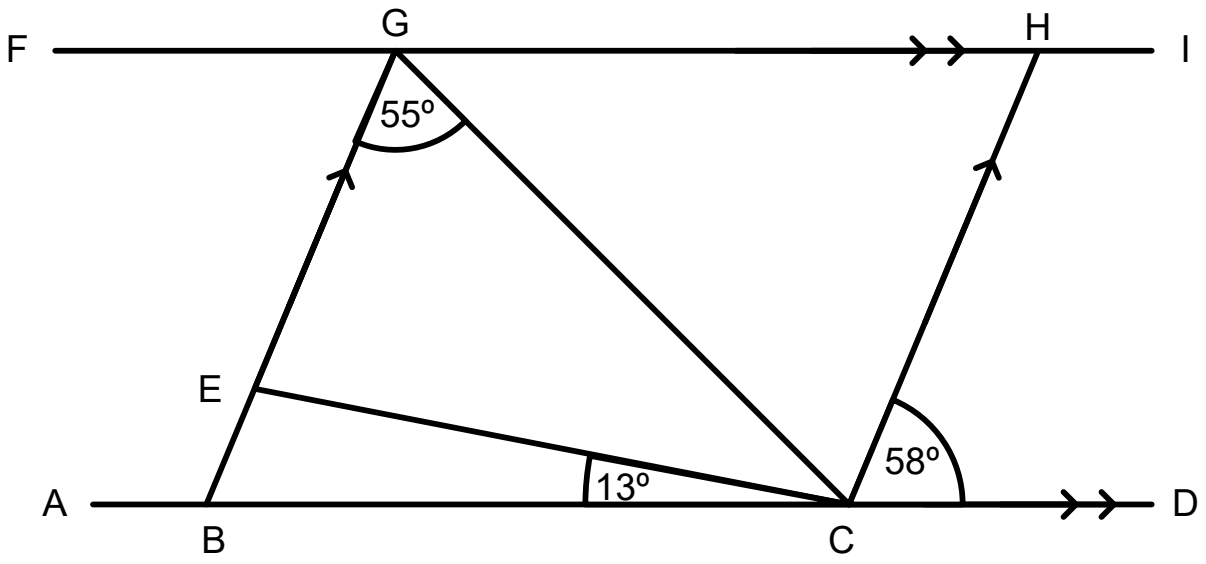
Find ∠CDE. Give reasons.

∠ GJK = 39º (Given)

∠ JKH = (_____)

∠ EDH = (_____)

∠ CDE = (_____)



Find ∠BEC. Give reasons.

∠HCD = 58º (Given)

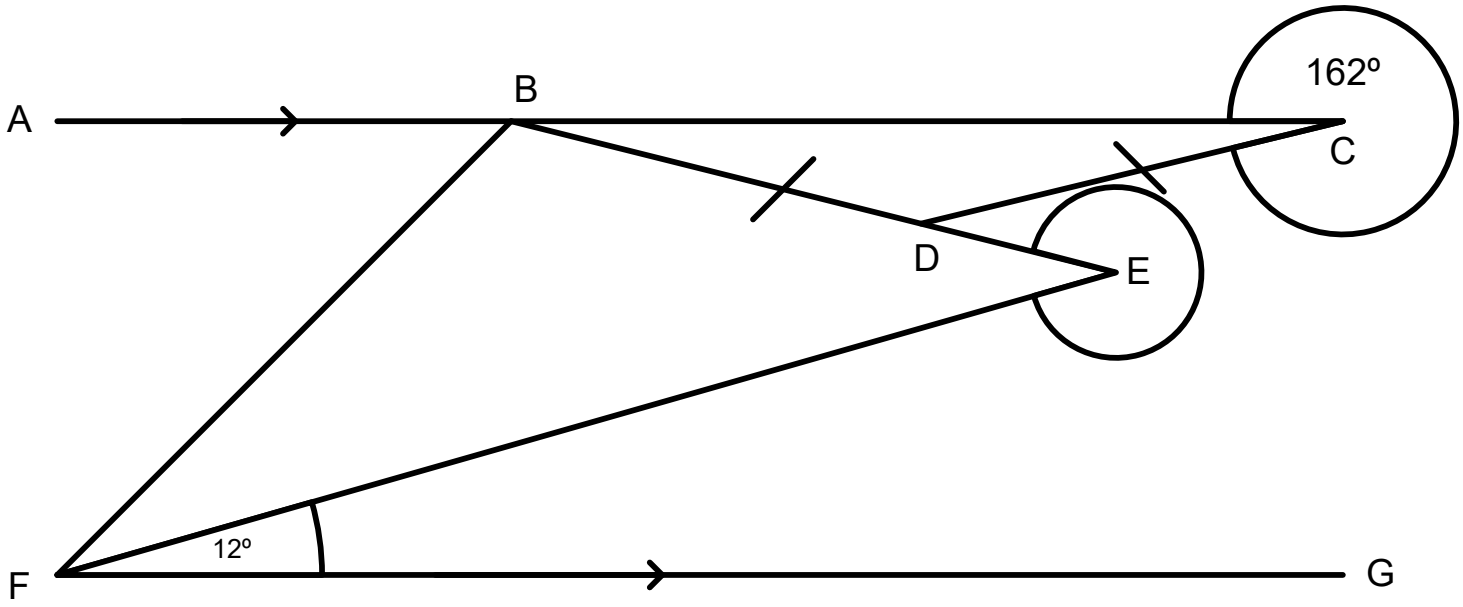
∠GHC = (_____)

∠FGE = (_____)

∠HGC = (_____)

∠GBC = (_____)

∠BEC = (_____)



Find ∠DEF. Give reasons.

∠ BCD = 162º (Given)

∠ DCB = (_____)

∠ CBD = (_____)

∠ GFE = 12º (Given)

You need to draw another line on the diagram at this point. Label a point H.

∠ FEH = (_____)

∠ BEH = (_____)

∠ FED = (_____)

∠ DEF = (_____)