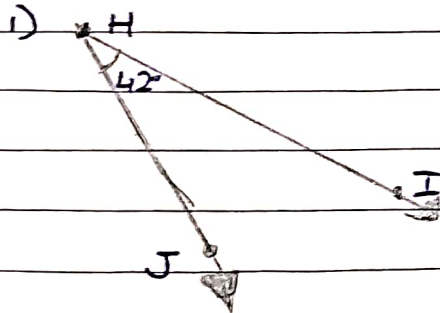
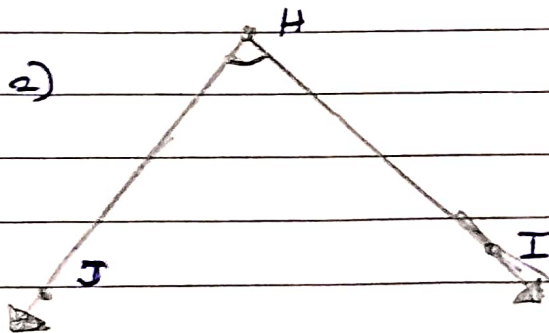


★ FIG-2.7

Q.3

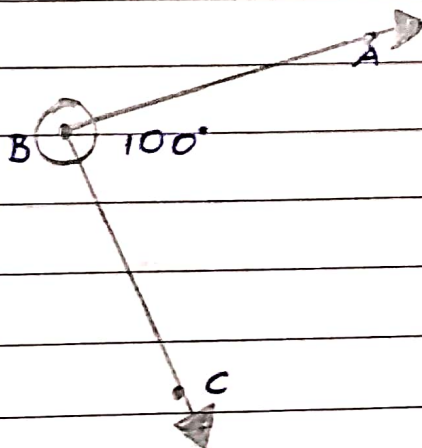


Name of angle = $\angle JHI = 42^\circ$



Name of angle =
 $\angle IHI = 116^\circ$

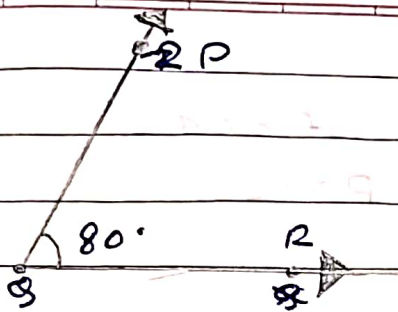
Q.4



- The ~~new~~ inner angle $\angle ABC = 100^\circ$
- The total rotation is 360°
- $\therefore$ Outer angle $\angle ABC = 360^\circ - 100^\circ$
 $= 260^\circ$

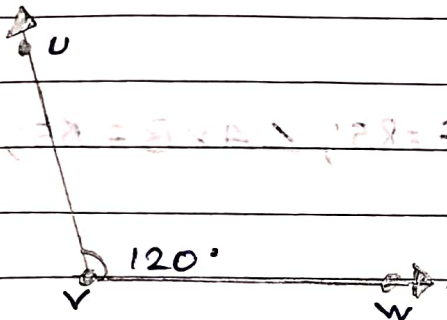
Q.5

1)



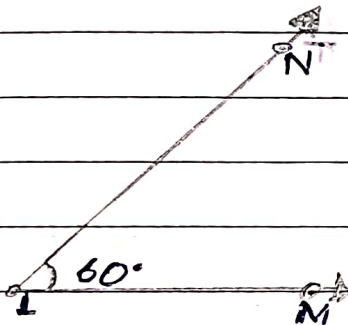
= Name of angle
= $\angle RPQ = 80^\circ$

2)



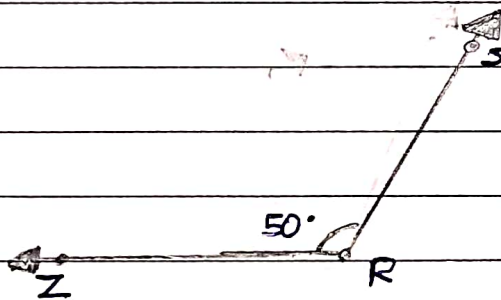
= Name of angle
= $\angle UVW = 120^\circ$

3)



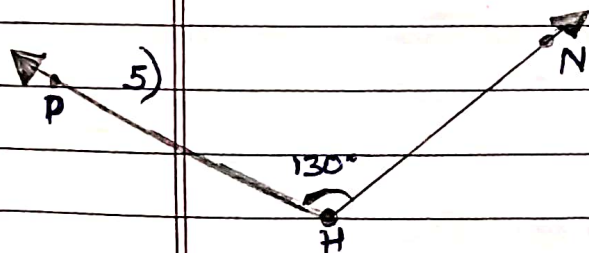
= Name of angle
= $\angle NLM = 60^\circ$

4)

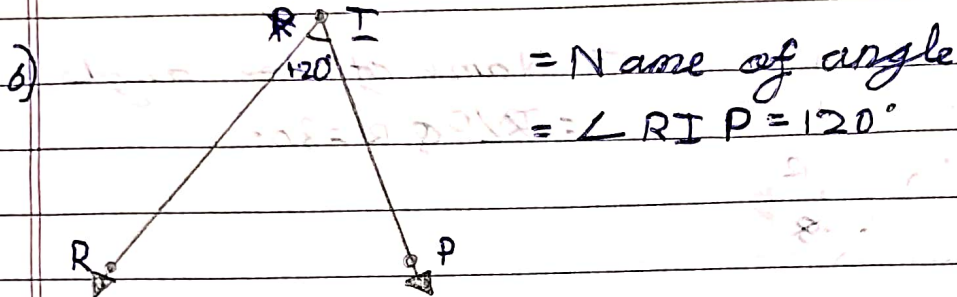


= Name of angle
= $\angle SRZ = 50^\circ$

5)



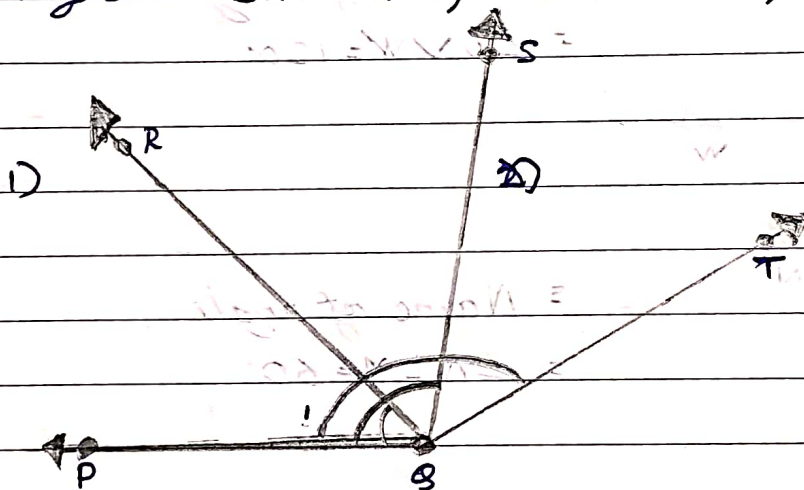
= ~~Angle~~ Name of angle
= $\angle NHP = 130^\circ$



H.W

Q.6 Angle : $\angle BXE = 115^\circ$, $\angle CXE = 85^\circ$, $\angle AXB = 65^\circ$, $\angle BXC = 30^\circ$

Q.7



1) Angle = $\angle PQR = 45^\circ$

2) Angle = $\angle PQS = 100^\circ$

3) Angle = $\angle PQT = 150^\circ$