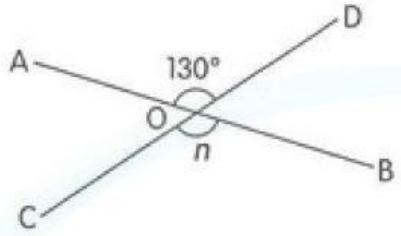
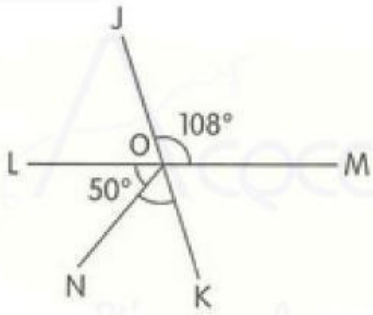
Name: _____ Class: _____

Practice 3 Vertically Opposite Angles

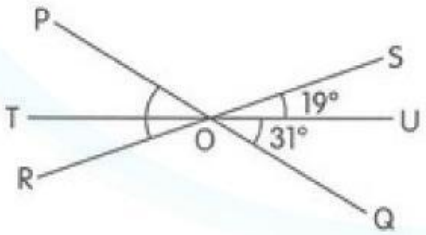
(1) (a) AB and CD are straight lines. Find $\angle n$.



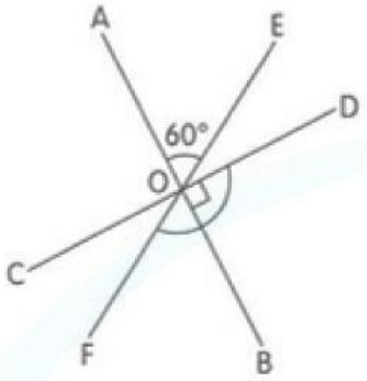
(b) JK and LM are straight lines. Find $\angle NOK$.



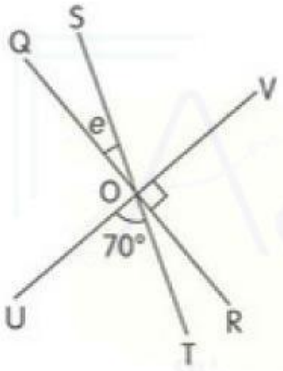
(c) TU, PQ and RS are straight lines. Find $\angle POR$.



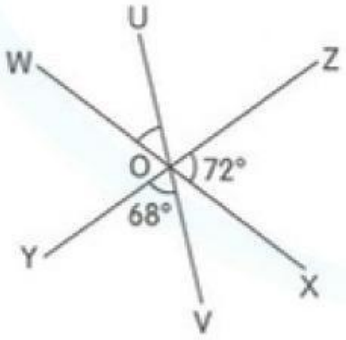
(d) AB, CD and EF are straight lines. ∠DOB is a right angle. Find ∠FOD.



(e) QR, ST and UV are straight lines. ∠VOR is a right angle. Find ∠e.



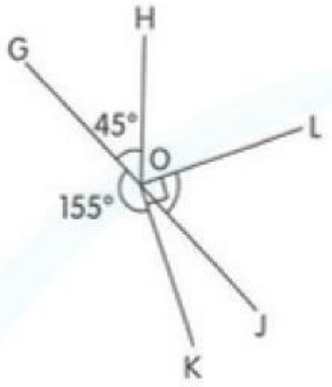
(f) UV, WX and YZ are straight lines. Find ∠UOW.



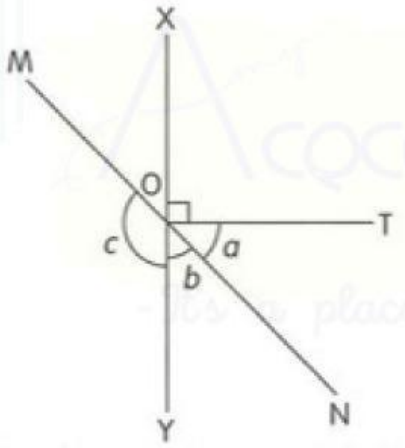
Name: _____ Class: _____

Practice 4 Finding Unknown Angles

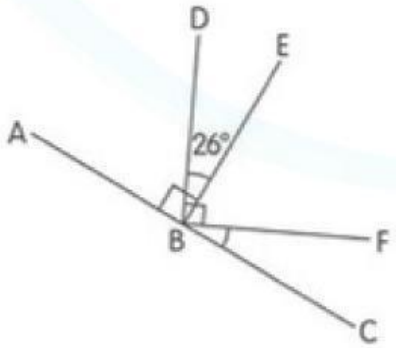
(1) GJ is a straight line. ∠LOK is a right angle. Find ∠LOJ.



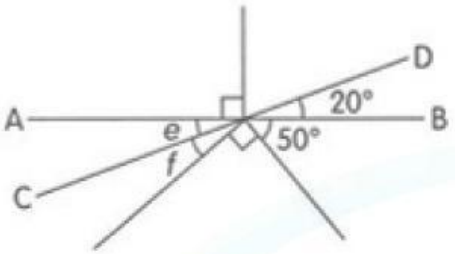
(2) MN and XY are straight lines and $\angle a = \angle b$. ∠XOT is a right angle. Find $\angle c$.



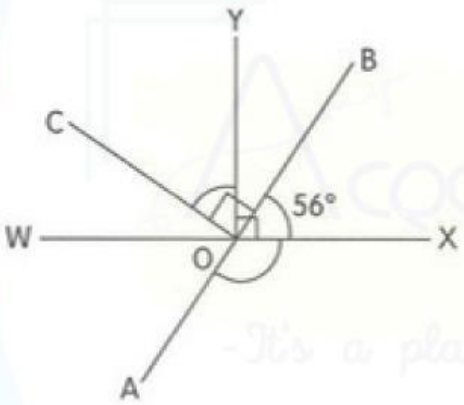
(3) AC is a straight line. ∠ABE and ∠DBF are right angles. Find ∠FBC.



(4) AB and CD are straight lines. Find $\angle e$ and $\angle f$.



(5) AB and WX are straight lines. $\angle$COB and $\angle$YOX are right angles. Find $\angle$COY and $\angle$AOX.



*(6) A piece of rectangular paper was folded as shown. Find $\angle a$, $\angle b$ and $\angle c$.