

Parallel Lines and Transversals # 3

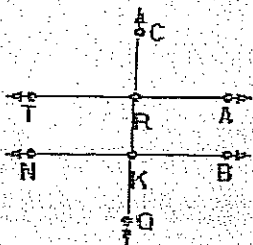
Name: _____

Date: _____

Period: _____

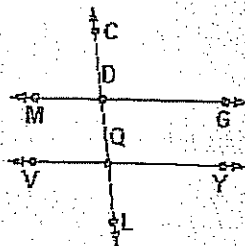
Name the correct angle for each diagram.

1.



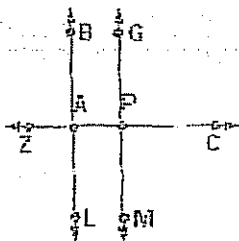
$\overline{TA} \parallel \overline{NB}$
 $\angle NKR$ and _____ are
 vertical angles

2.



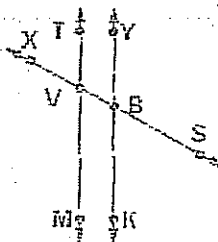
$\overline{MG} \parallel \overline{VY}$
 $\angle MDQ$ and _____ are
 corresponding angles

3.



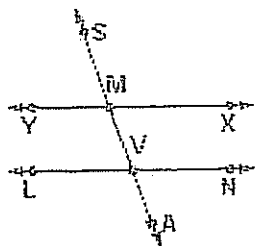
$\overline{BL} \parallel \overline{GM}$
 $\angle APM$ and _____ are
 vertical angles

4.



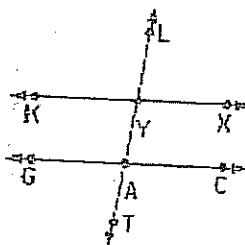
$\overline{TW} \parallel \overline{YK}$
 $\angle MVB$ and _____ are
 supplementary angles

5.



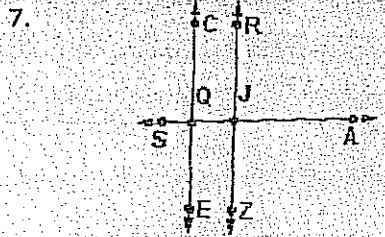
$\overline{YX} \parallel \overline{LN}$
 $\angle YMS$ and _____ are
 corresponding angles

6.

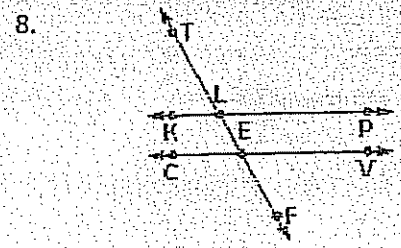


$\overline{KX} \parallel \overline{GC}$
 $\angle KYA$ and _____ are
 vertical angles

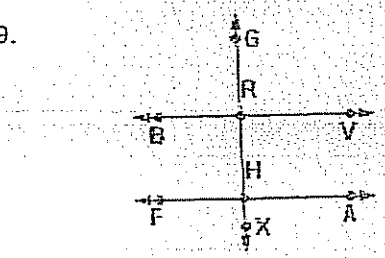
Find the unknown angle measurement for each diagram. Use equations where necessary.



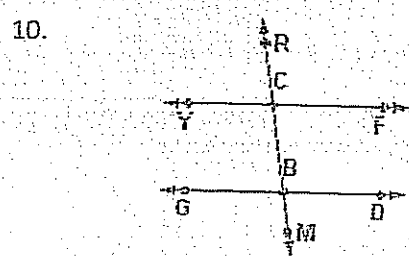
$\overline{CE} \parallel \overline{RZ}$
 $m\angle CQJ =$ _____
 $m\angle QJZ = 97^\circ$



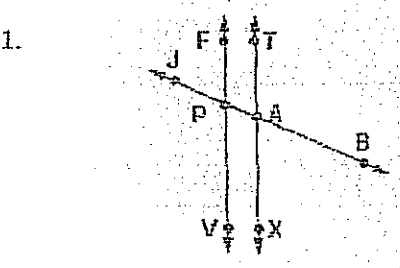
$\overline{KP} \parallel \overline{CV}$
 $m\angle KLT =$ _____
 $m\angle CEF = 62^\circ$



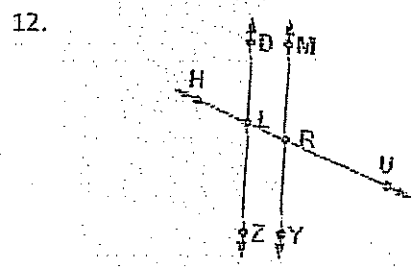
$\overline{BV} \parallel \overline{FA}$
 $m\angle GRV =$ _____
 $m\angle VRH = 92^\circ$



$\overline{YF} \parallel \overline{GD}$
 $m\angle GBC =$ _____
 $m\angle RCF = 81^\circ$



$\overline{FV} \parallel \overline{TX}$
 $m\angle JPV =$ _____
 $m\angle FPA = 123^\circ$



$\overline{DZ} \parallel \overline{MY}$
 $m\angle ZLR =$ _____
 $m\angle DLR = 122^\circ$