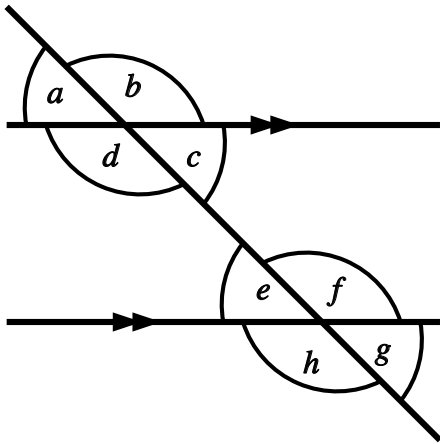


Parallel Line Rules

Name:	Class:	Date:
-------	--------	-------

Mark	/9	%
------	----	---

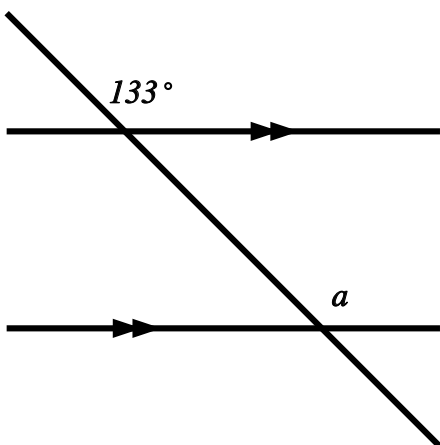
1) Using the picture below, identify the letter that matches with angle **d** to make a pair of alternate angles



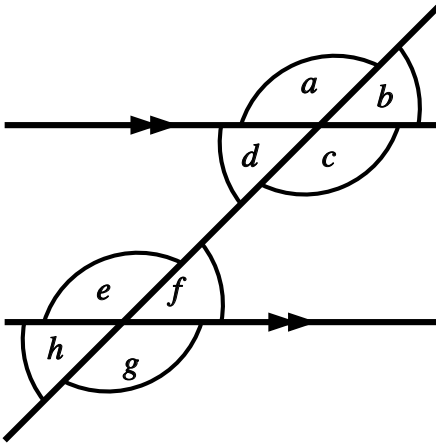
2) Find the value of a , giving a reason for your answer.

[1]

[1]



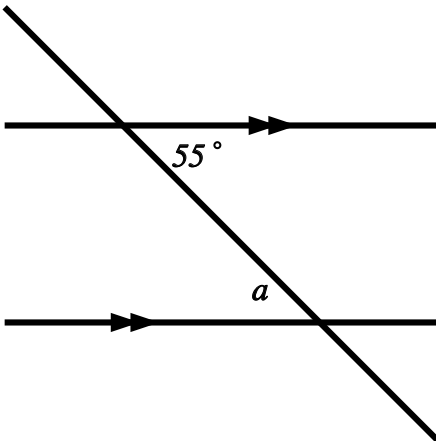
3) Using the picture below, identify the letter that matches with angle **d** to make a pair of co-interior angles



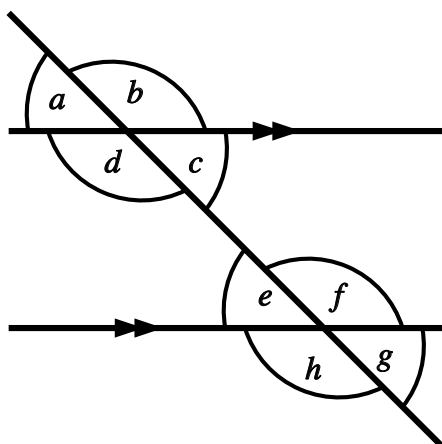
4) Find the value of *a*, giving a reason for your answer.

[1]

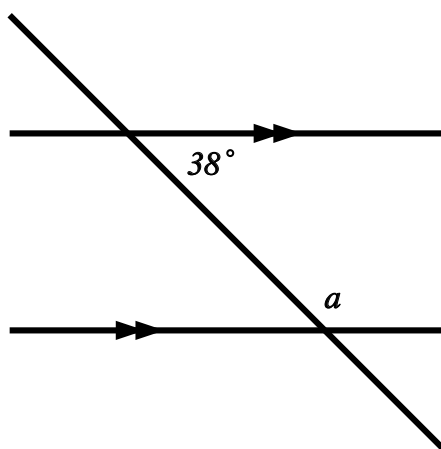
[1]



5) Using the picture below, identify the letter that matches with angle **d** to make a pair of corresponding angles



6) Find the value of a , giving a reason for your answer.

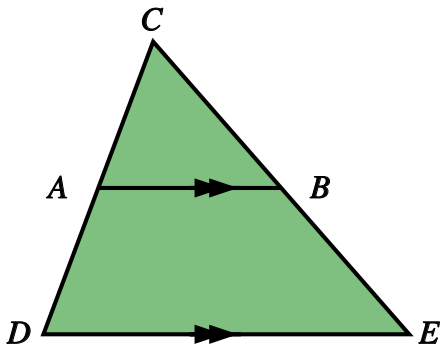


[1]

[1]

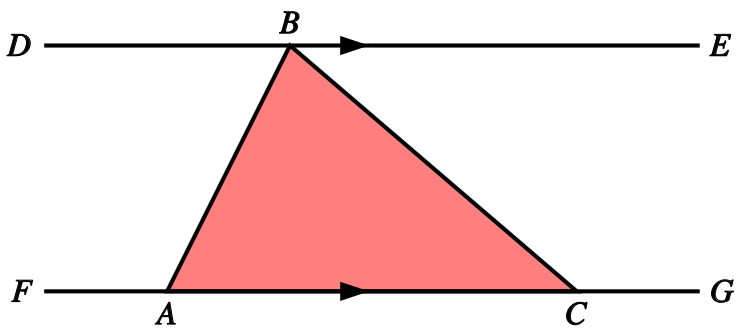
7) In the following diagram, AB is parallel to DE . Angle $ACB = 69^\circ$ and angle $CED = 52^\circ$. Find the missing angles CAB , ABE and CDE .

[1]



8) In the following diagram, DE is parallel to FG . Angle $ABC = 70^\circ$ and angle $ACB = 47^\circ$. Find the missing angles DBA , EBC and FAB .

[1]



9) In the following diagram, BDF is parallel to EG and AB is parallel to CDE.
Given that angle $ABD = 51^\circ$, find angle BDC and angle DEG.

[1]

