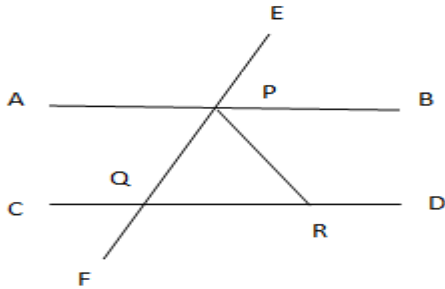


**Work sheet for class-7 Geometry part-1****Subject teacher: Mohammed Barkatul Alam Tipu**

In the above figure  $AB \parallel CD$ , and  $\angle BPE = 60^\circ$  and  $PQ = PR$

- Show that  $\frac{1}{2} \angle APE = 60^\circ$
- Determine the value of  $\angle CQF$
- Prove that PQR is an equilateral triangle.