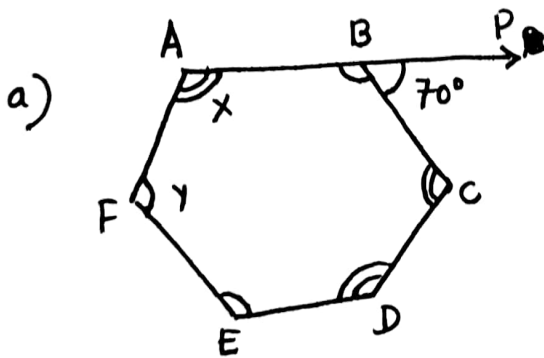


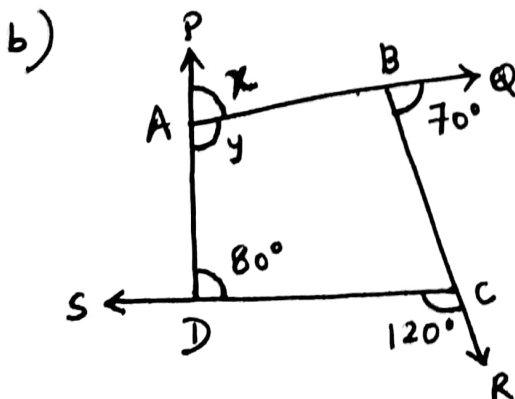
UNDERSTANDING
QUADRILATERALS

HOMEWORK #2

- 1) In a Regular Pentagon, what is the measure of each interior angle and exterior angle.
- 2) Is it possible to have a regular polygon with measure of each exterior angle as 20° ?
If yes, then find the number of sides of that polygon?
- 3) Find the values of x and y in each figure:



In this polygon,
 $\angle A = \angle C = \angle D$
 $\angle F = \angle E = \angle ABC$
and $\angle PBC = 70^\circ$



In this polygon,
 $\angle QBC = 70^\circ$, $\angle RCD = 120^\circ$
and $\angle ADC = 80^\circ$