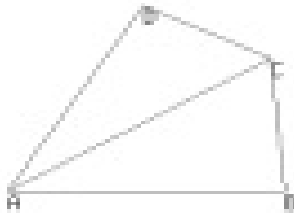


Answer The Following

- 1) How many angles are formed in this picture? Also, name the angles.

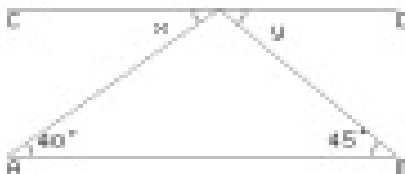


- 2) In triangle  $\Delta PQR$ ,  $\angle Q = 70^\circ$  and  $\angle R = 80^\circ$ . If point S is such that PS and QS bisect  $\angle P$  and  $\angle Q$  respectively. Find angle  $\angle PSQ$ .

- 3) Find missing angle



- 4) If AB and CD are parallel, find the value of  $x$  and  $y$ .



- 5) In triangle ABC if  $BC = AC$  and angle  $\angle B = 30^\circ$ , find value of angle  $\angle C$ .

Fill in the blanks

- 6)



If angle  $\angle A$  is a right angle, perimeter of the triangle is \_\_\_\_\_ inches. (All dimensions are