

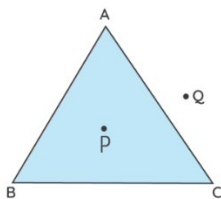


CLASS NOTES-ANSWERS

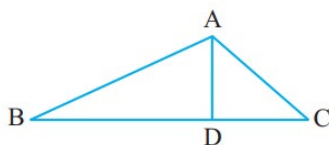
EXERCISE 4.4

1. Draw a rough sketch of a triangle ABC. Mark a point P in its interior and a point Q in its exterior. Is the point A in its exterior or in its interior?

Answer:



2. (a) Identify three triangles in the figure.
 (b) Write the names of seven angles.
 (c) Write the names of six line segments.
 (d) Which two triangles have $\angle B$ as common?



Answer:

- a) The three triangles can be identified as ΔABD , ΔADC and ΔABC .
 b) The seven angles are $\angle ABD$, $\angle BDA$, $\angle ADC$, $\angle DCA$, $\angle CAB$, $\angle CAD$ and $\angle DAB$
 c) The six-line segments are AB, AC, BC, BD, DC and AD.
 d) ΔABD and ΔABC have $\angle B$ as common.