

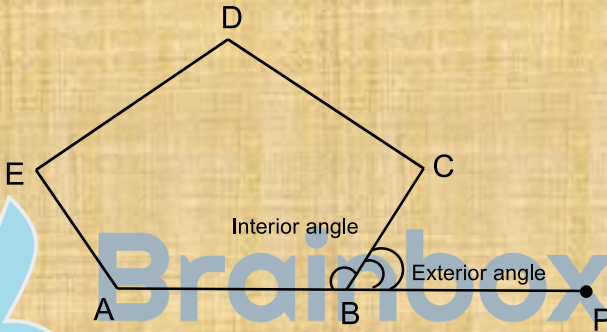
CHAPTER 03

Understanding Quadrilaterals

Exterior angle of convex polygon:

If we produce a side of polygon, the angle it makes with the next side is called an ‘exterior angle.’

Example:



Here, ABCDE is a pentagon. Its side AB has been produced to ‘P’, then $\angle CBP$ is an exterior angle.

Note:

Corresponding to each interior angle, there is an exterior angle. Also, an exterior angle and its adjacent interior angle make a straight line.

$$\text{Exterior angle} + \text{Adjacent interior angle} = 180^\circ$$