

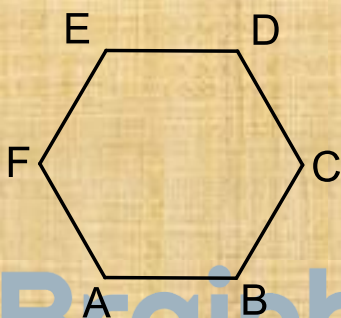
CHAPTER 03

CONSTRUCTION OF QUADRILATERALS

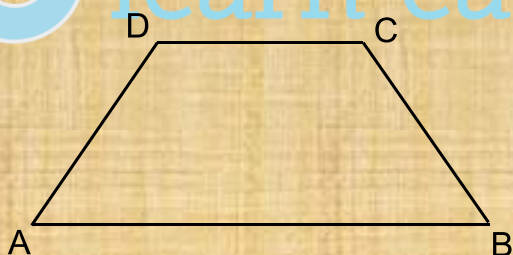
Convex polygon:

If all the (interior) angles of a polygon are less than 180° , it is called a 'Convex polygon'.

Examples:



Here, ABCDEF is a convex polygon. In fact, it is a convex hexagon.



Here, ABCD is a convex polygon. In fact, it is a convex quadrilateral.

(OR)

In other words, a polygon is a convex polygon if the line segment joining any two points inside it lies completely inside the polygon.

Ex. Signboards (Triangle and Octagon signboards)

