



Suresh Angadi Education Foundation's

Angadi International School

(Affiliated CBSE, New Delhi)



Grade : VIII

Ch-3 Understanding Quadrilaterals

1. Define polygon.
2. Define quadrilateral.
3. What is a regular polygon?
4. Five angles of a hexagon are 150° , 95° , 80° , 135° & 125° . Find the sixth angle.
5. How many diagonals are there in a hexagon?
6. How many sides does a regular polygon have if the measure of an exterior angle is 240° ?
7. How many sides does a regular polygon have if the measure of an interior angle is 1650° ?
8. Find the measure of each interior angle of a regular pentagon.
9. What is the least interior angle possible for a regular polygon?
10. What is the greatest exterior angle possible for a regular polygon?
11. One angle of a parallelogram is 60° . Find its opposite angle and the adjacent angle.
12. Differentiate between convex and concave polygons.
13. Differentiate between regular and irregular polygons.
14. Write any two properties of a Kite.
15. Write any two properties of a Rectangle.

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