**UNDERSTANDING QUADRILATERALS**

**HANDOUT :2/4**

1) An exterior angle of a quadrilateral is the angle formed between the extended side and the side of the quadrilateral.

2) A quadrilateral has 4 exterior angles.

3) In general, a polygon has as many sides that many exterior angles.

4) Sum of exterior angles of a triangle = 360$°$

5) Sum of the exterior angles of a quadrilateral = 360$°$

6) In general, sum of the exterior angles of a polygon = 360$°$

7) m(an exterior angle of a regular polygon) = $\frac{360°}{n}$

 Where ‘n’ is the number of exterior angles or no. of sides.

8) Number of sides of a regular polygon = $\frac{360°}{m(exterior angle)}$

9) At a vertex of a polygon,

 Interior angle + Exterior angle = 180$°$

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