Exam Hunter
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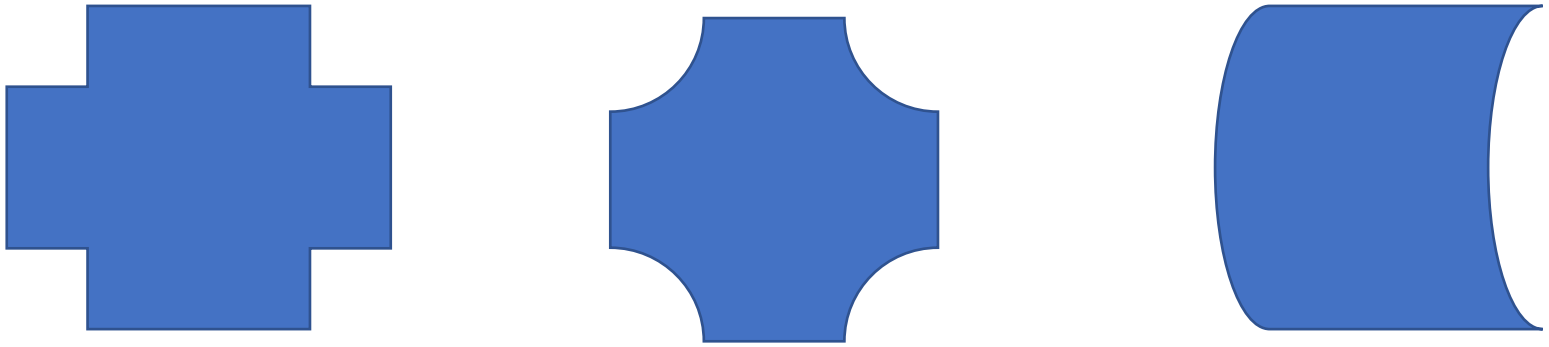
GEOMETRY
Polygons

Polygons

A polygon is a closed plane figure formed by three or more lines segments (sides)

Vertices is the point of intersection of two sides

Each interior angle (at each vertice) has a measure of less than 180°



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Polygons

Three sides = triangle

Four sides = quadrilateral

Five sides = pentagon

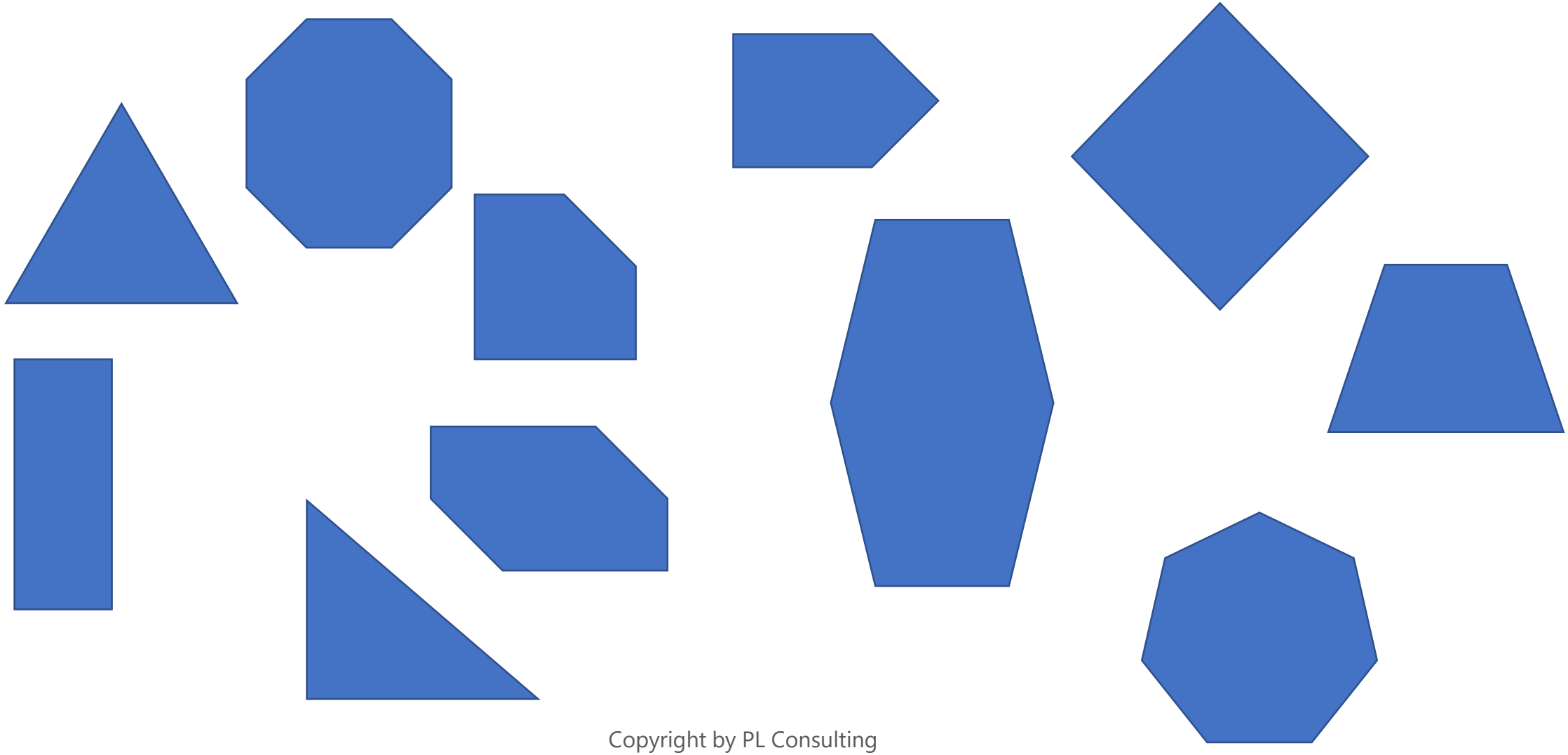
Six sides = hexagon

Seven sides = heptagon

Eight sides = octagon

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Polygons



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What is this building called?



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Interior degrees of a polygon

Formular : (n-2)*180°

Triangles : (1)*180 = 180 → equilateral triangle → 60

Quadrilateral : (4-2)*180 = 360 → square → 90

Pentagon : (5-2)*180 = 540 → 540/5 = 108

Hexagon : (6-2)*180 = 720 → 720/6 = 120

Heptagon : (7-2)*180 = 900 → 900/7 =

Octagon : (8-2)*180 = 1080 → 1080/8 = 135

Regular polygons ←

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