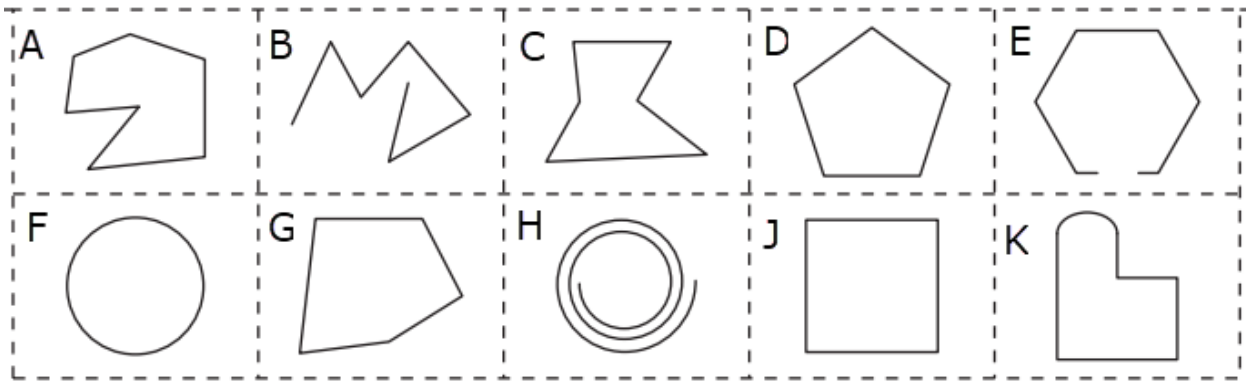


Name _____ Polygon Basics Period _____ Date _____

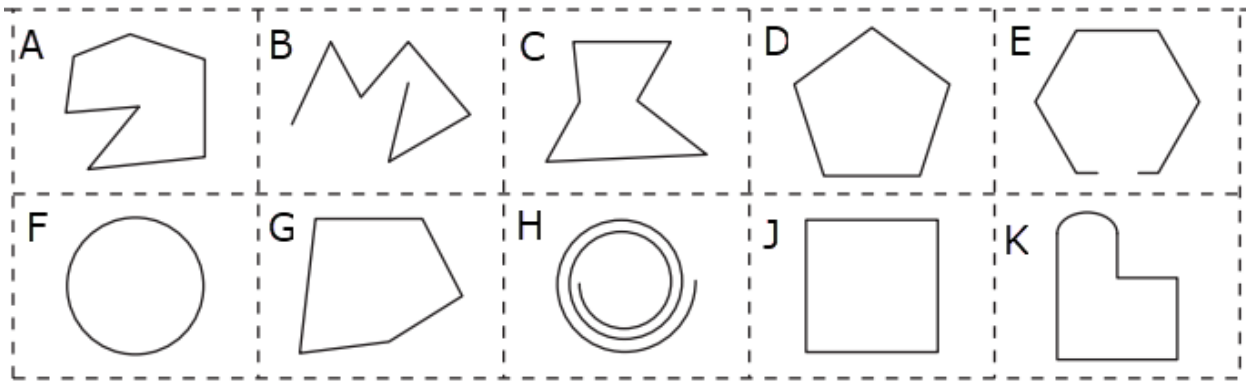
Use the letter of the given figures to complete the table below the figures



Concave Polygons	Convex Polygons	NOT Polygons

Name _____ Polygon Basics Period _____ Date _____

Use the letter of the given figures to complete the table below the figures



Concave Polygons	Convex Polygons	NOT Polygons

Sometimes/Always/Never

1. _____ a closed figure is a polygon
2. _____ a closed figure formed with line segments is a polygon
3. _____ a closed figure that uses any portion of a circle's circumference is a polygon
4. _____ line segments that connect vertices of a polygon are called sides
5. _____ line segments that connect consecutive vertices of a polygon are called sides
6. _____ line segments that connect non-consecutive vertices of a polygon are called diagonals

True False

7. _____ the diagonals of a convex polygon will have NO points on the exterior of the polygon itself
8. _____ the diagonals of a concave polygon will have NO points on the exterior of the polygon itself
9. _____ the diagonals of a convex polygon will have AT least 1 point on the exterior of the polygon itself
10. _____ the diagonals of a concave polygon will have AT least 1 point on the exterior of the polygon itself

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