Curves and Polygons

1. Classify the following curves as:

a. open **b. close**

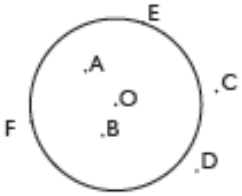
(i) (ii) (iii) (iv)

2. In figure, write the points that are:

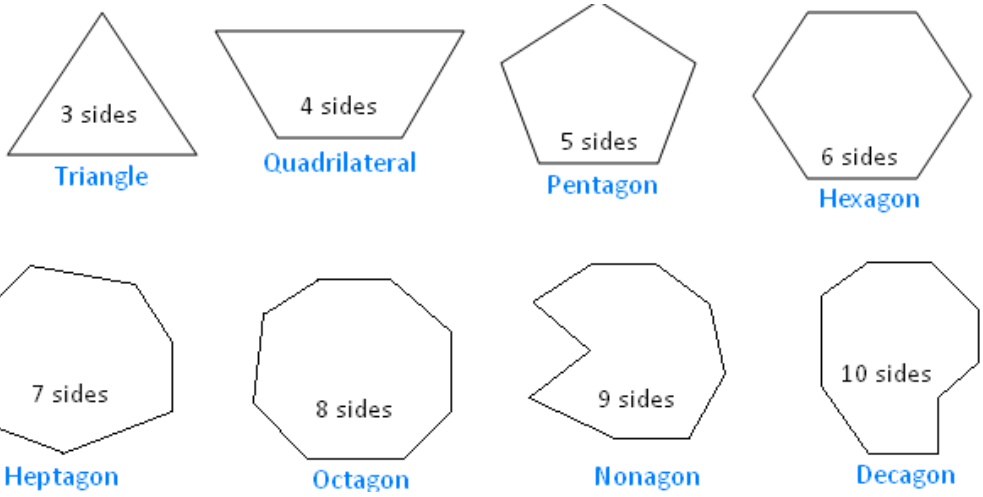
a. in the interior of it.

b. in the exterior of it.

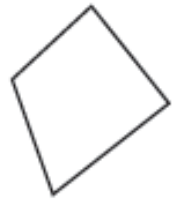
c. on the curve



3. Examine whether the following are polygons. If anyone among them is not, say why?



4. Name the polygons given in figure.



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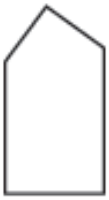

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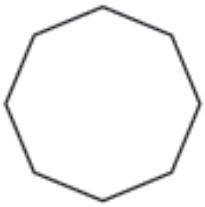

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5. Fill in the blanks.

a. A _____ is a closed figure formed by three or more line segments.

b. A polygon is called _____ if all its sides are of the same _____ and all its_____ are of the same size.

c. The end points of the same side of a polygon are known as the _____.

6. What are regular and convex polygons?

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