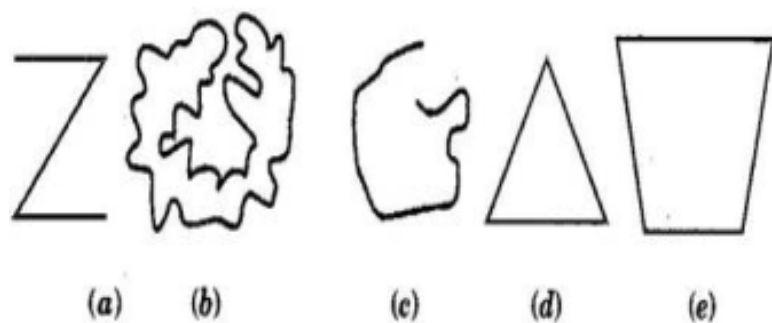




NCERT SOLUTIONS FOR CLASS 6 MATHS BASIC
GEOMETRICAL IDEAS EXERCISE 4.2

Question 1. Classify the following curves as (i) Open or (ii) Closed.



Answer: (a) Open curve

(b) Closed curve

(c) Open curve

(d) Closed curve

(e) Closed curve

Question 2. Draw rough diagrams to illustrate the following:

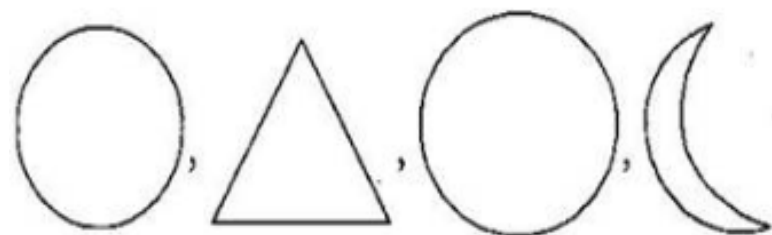
(a) Open curve

(b) Closed curve

Answer: Open curves:

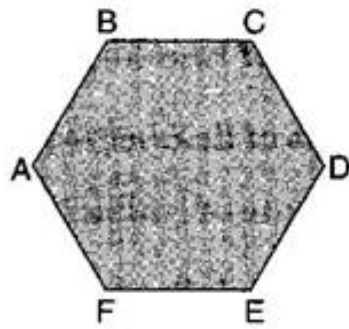


Closed curves



Question 3. Draw any polygon and shade its interior.

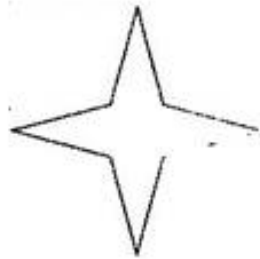
Answer: Polygon ABCDEF



Question 4. Consider the given figure and answer the questions:

(a) Is it a curve?

(b) Is it closed?



Answer: (a) Yes, it is a curve.

(b) Yes, it is closed.

Question 5. Illustrate, if possible, each one of the following with a rough diagram:

(a) A closed curve that is not a polygon.

(b) An open curve made up entirely of line segments.

(c) A polygon with two sides.



Answer: (a)



(b)

(c) Polygon with two sides cannot be drawn.

*****END*****