Open and Closed Figures

A. Choose the correct answer:

1. Which of the following is a closed figure

    a. a square   b. a letter C

    c. an arc   d. a line

2. An open figure has

    a. all sides joined   b. no sides

    c. a gap between lines   d. only curves

3. A triangle is a

    a. straight figure   b. curved figure

    c. closed figure   d. open figure

4. Which of these is not a closed figure

    a. circle   b. rectangle

    c. semi-circle   d. oval

5. A figure is called closed when
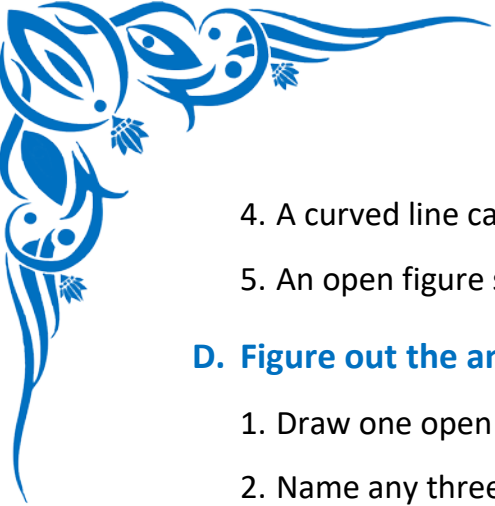
    a. lines bend   b. lines do not meet

    c. all ends join back   d. it has curves

B. Write the Missing Terms to Complete the Sentences:

1. A closed figure has no _____

2. An open figure does not _____

3. A square is a figure _____

4. A letter U shows an figure _____

5. A closed figure begins and at the same point _____

C. Mark each sentence with a True (✔) or False (✗):

1. A circle is an example of a closed figure   _____

2. An open figure has all its sides joined   _____

3. A triangle is a closed figure   _____

4. A curved line can make a closed figure   _____

5. An open figure starts and ends at the same point   _____

D. Figure out the answers to these questions:

1. Draw one open figure and one closed figure.

2. Name any three closed figures you see around you.

3. Name any three open figures you see around you.

5. Look at different shapes in your book and sort them as open or closed.

E. Challenge yourself with these questions:

1. Draw and color two open figures and two closed figures.

2. What is the difference between an open and a closed figure.

3. Can a curved line form a closed figure Give an example.

4. Find and write the names of two closed figures in your classroom.

5. Observe the letter D and decide if it is an open or closed figure and why.