Name _____

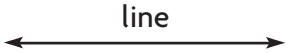
Describe Plane Shapes

You can use math words to describe plane shapes.

point

an exact position or location

line

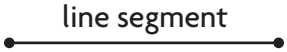


a straight path that goes in two directions without end

endpoints

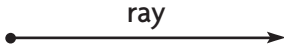
points that are used to show segments of lines

line segment



part of a line and has 2 endpoints

ray



part of a line that has 1 endpoint and continues in one direction

A **plane shape** is a shape on a flat surface. It is formed by points that make curved paths, line segments, or both. Plane shapes can be open or closed.

A **closed shape** starts and ends at the same point.

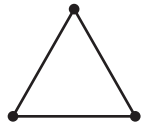
An **open shape** does not start and end at the same point.

Look at this plane shape called a triangle.

It is a **closed shape.**

It has **3 line segments.**

The line segments meet at the **endpoints.**



Circle all the words that describe the shape.

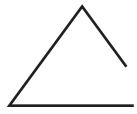
1.

line
line segment

2.

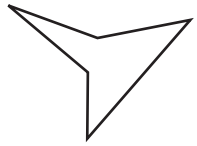
point
ray

3.



closed shape
open shape

4.



closed shape
open shape

Write whether the shape is *open* or *closed*.

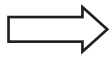
5.

_____

6.

_____

7.



_____

8.

_____

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