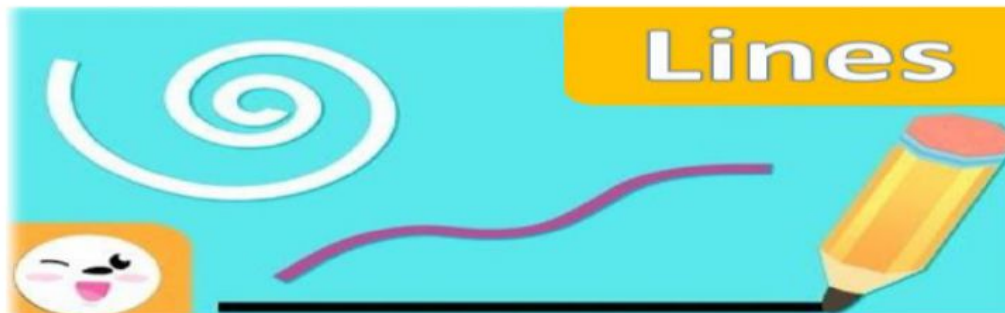




TOPIC: LINES



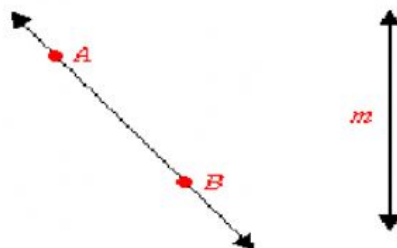
Definition: Lines are a set of infinitely small points joined together forming a continuous line.



They are extended in two opposite directions. When we draw lines in geometry, we use an arrow at the beginning and at the end to show that it extends infinitely.

Figure 1

Línes

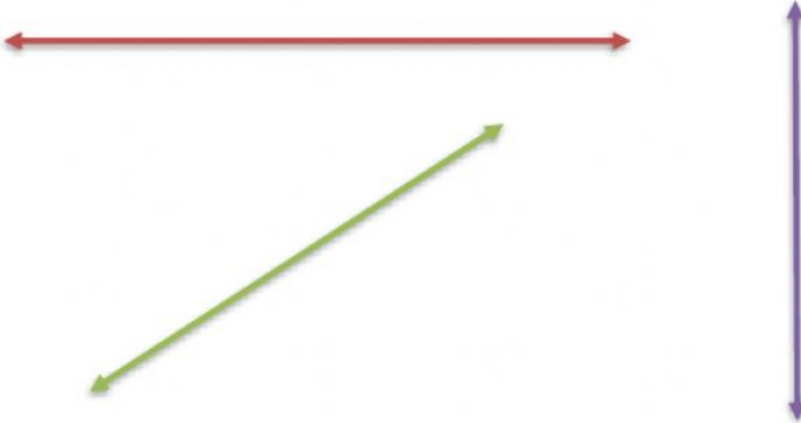


Taken from (varsity tutors, 2007)



They are classified in three types:

- **Line or Straight line:** This line doesn't curve, and there is not a beginning or end.



CONTEXTUALIZE THE
TOPIC

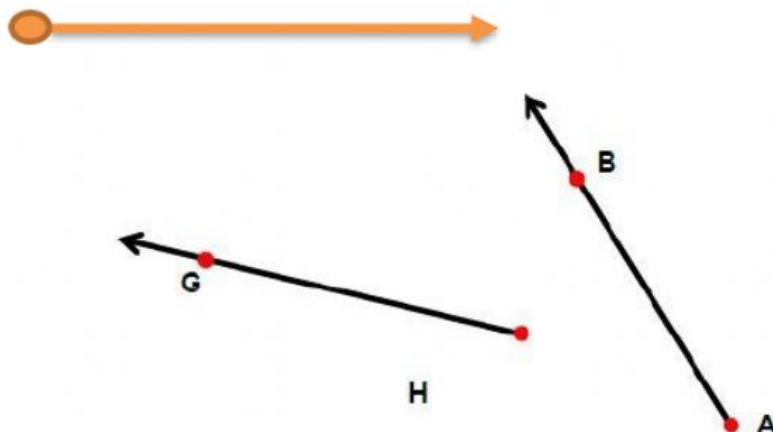


Line



Taken from (https://es.123rf.com/photo_29493878_fondo-con-los-coches-de-carretera-y-de-dibujos-animados-en-zig-zag-ilustraci%C3%B3n-vectorial.html, s.f.)

- **Ray line:** It is a straight line that has beginning but it doesn't have end. It means it is infinitely in only one direction.



(matematicas, s.f.)Taken from:

<https://sites.google.com/site/herculesmatematicas/1-1o-eso/unidad-8-geometria?tmpl=%2Fsystem%2Fapp%2Ftemplates%2Fprint%2F&showPrintDialog=1>

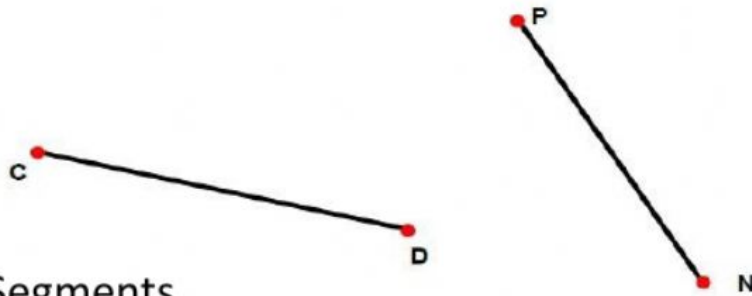


CONTEXTUALIZE THE
TOPIC





- **Segment:** It is a part of a straight line that is limited by two points; at the beginning and at the end, and you can name by letters: AB (Superprof Material Educativo, 2019)



Segments



CONTEXTUALIZE THE TOPIC





Other lines

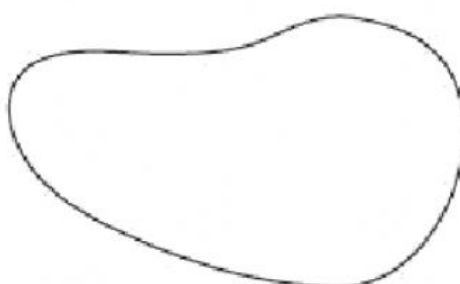
- **Curved line:** *"It is the one whose points continually change directions"* (Bustillo, 1864)

Figure 2

Curved lines



Open curved line.



Closed curve line.

Taken from (Tutor, 2013)



CONTEXTUALIZE THE
TOPIC





KEYWORDS





Look for the key words and circle them.

- Line
- Segment
- Ray
- Curve
- Straight

v	n	x	e	t	s	o	n	u	m
i	s	a	l	i	n	e	x	c	j
z	l	e	s	i	b	d	f	u	a
y	m	i	g	a	n	o	i	r	i
a	t	e	x	m	e	z	s	v	r
r	n	a	j	c	e	t	a	e	l
u	i	w	o	v	p	n	h	d	s
s	t	r	a	i	g	h	t	o	u



Point, Line, Line segment & Ray

Point		A point is an exact position on a plane surface.
Line		A line is a set of points in a straight path that extends in opposite directions without ending.
Line segment		A line segment is a part of a line between two end points.
Ray		A ray is a part of a line that has one end point and extends in one direction without ending.



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VIDEOS



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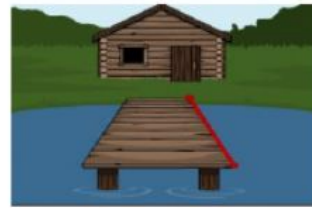
ACTIVITY

1c. Choose the correct picture that better represents a segment

a)



b)



c)



d)

