

Geometric Terms Part 1

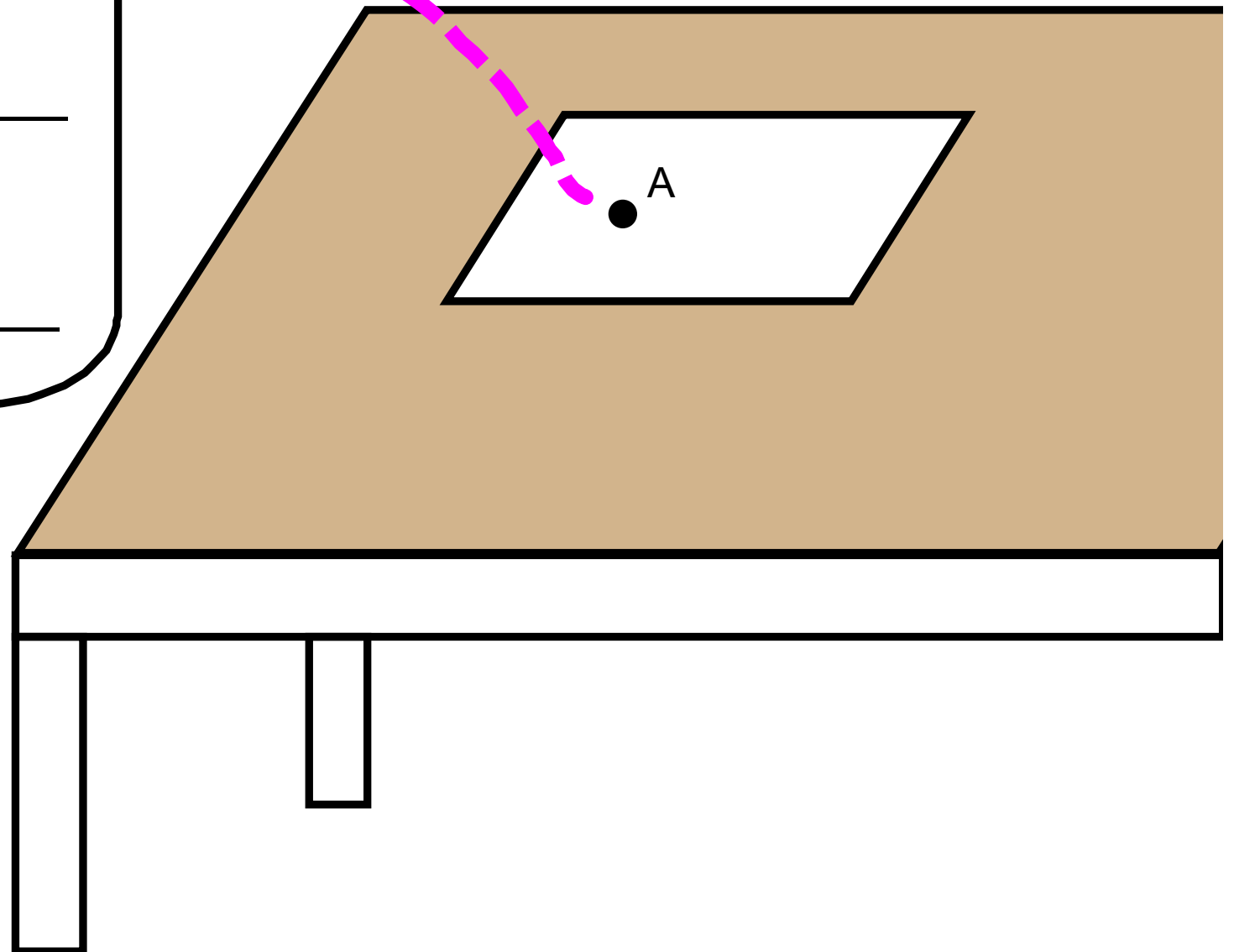
Walkthrough of lines, segments, points, angles, and rays.

A point- a location on a plane. Usually shown as a dot and labeled with a letter.

Looks Like:

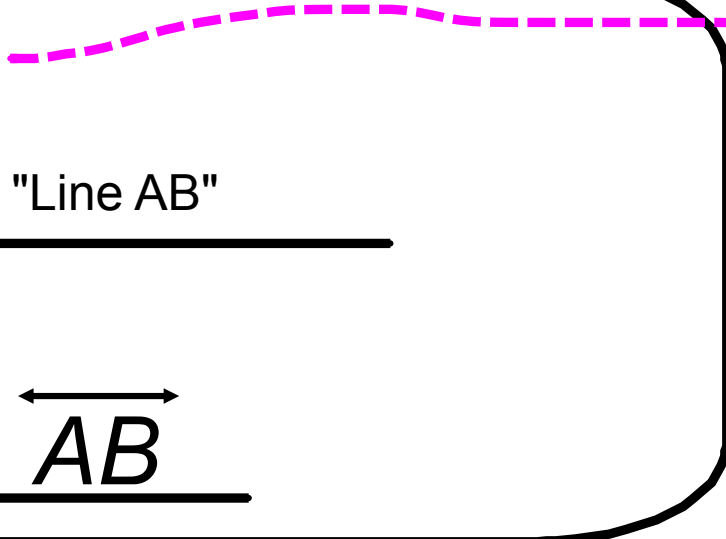
Sounds like: "Point A"


Written as: •A




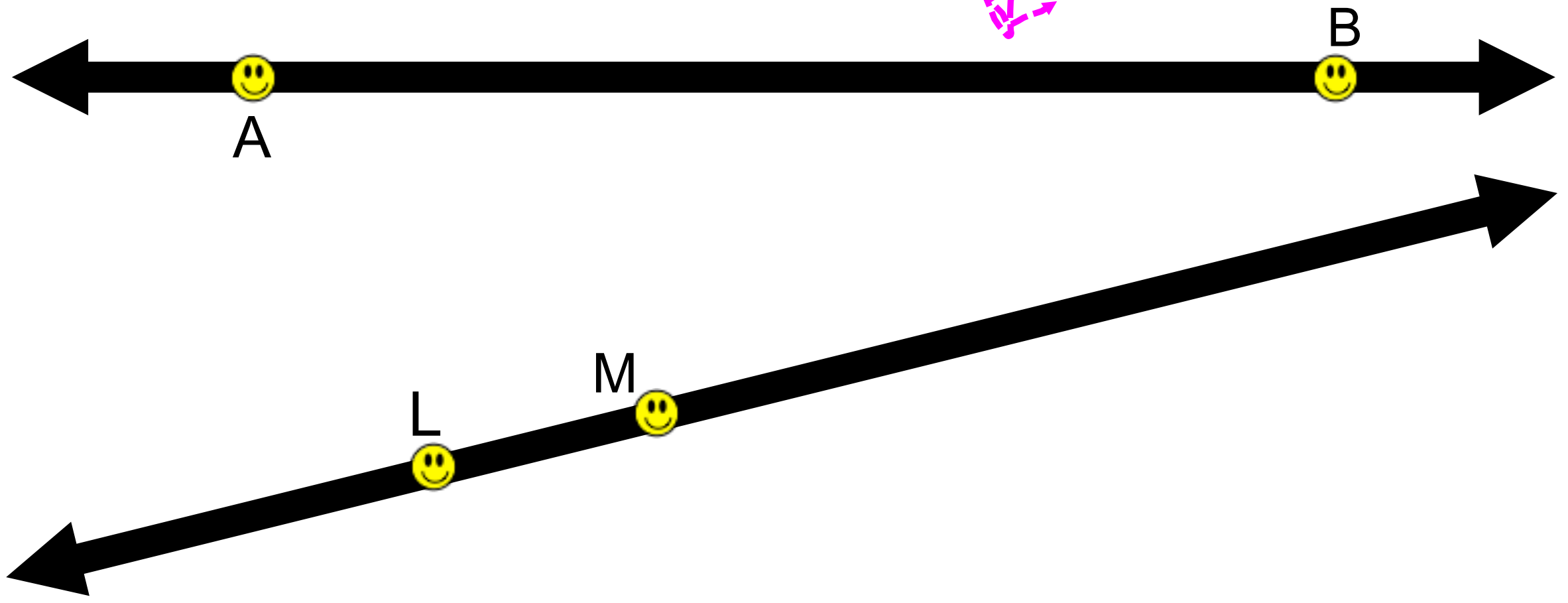
The Line

A line--- an infinite amount of points going FOREVER in two opposite directions on a plane.

Looks like: 

Sounds like: "Line AB" 

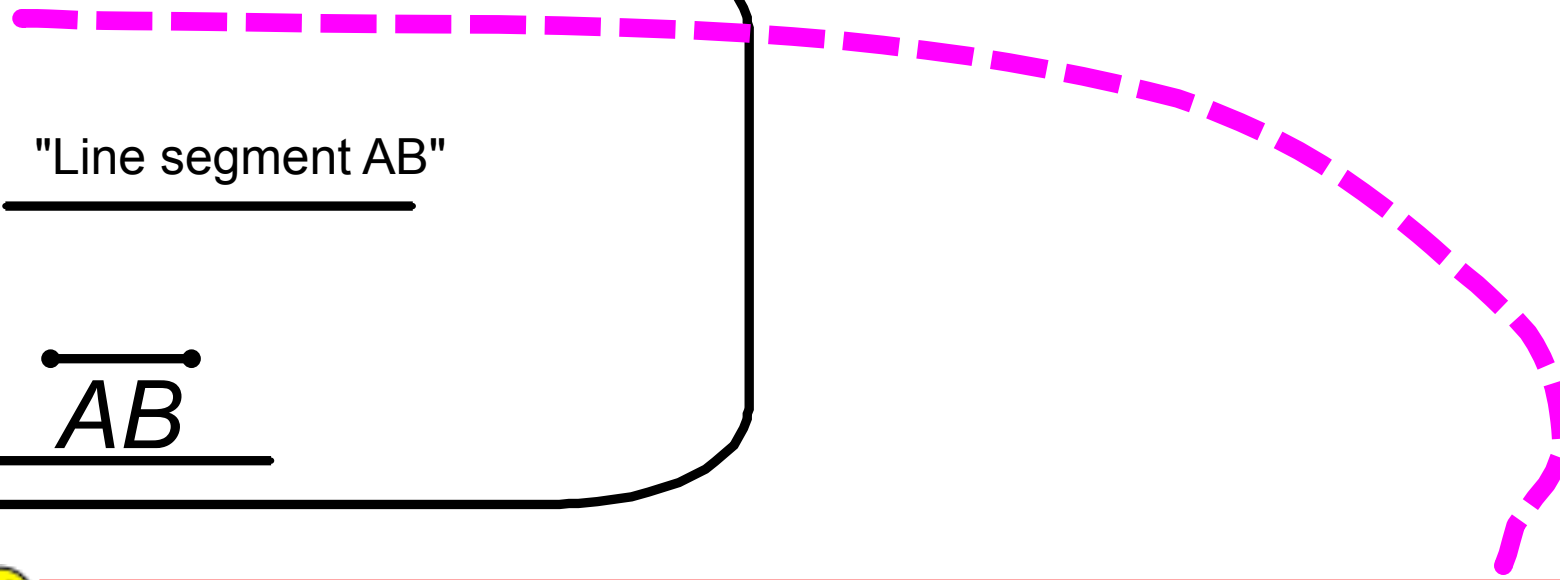
Written as: 



The Line Segment

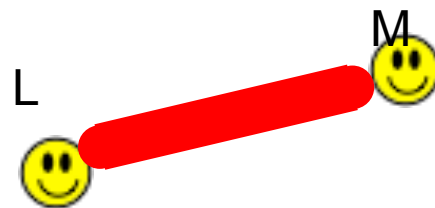
A line segment--- a Line that ends with two points.

Looks like:



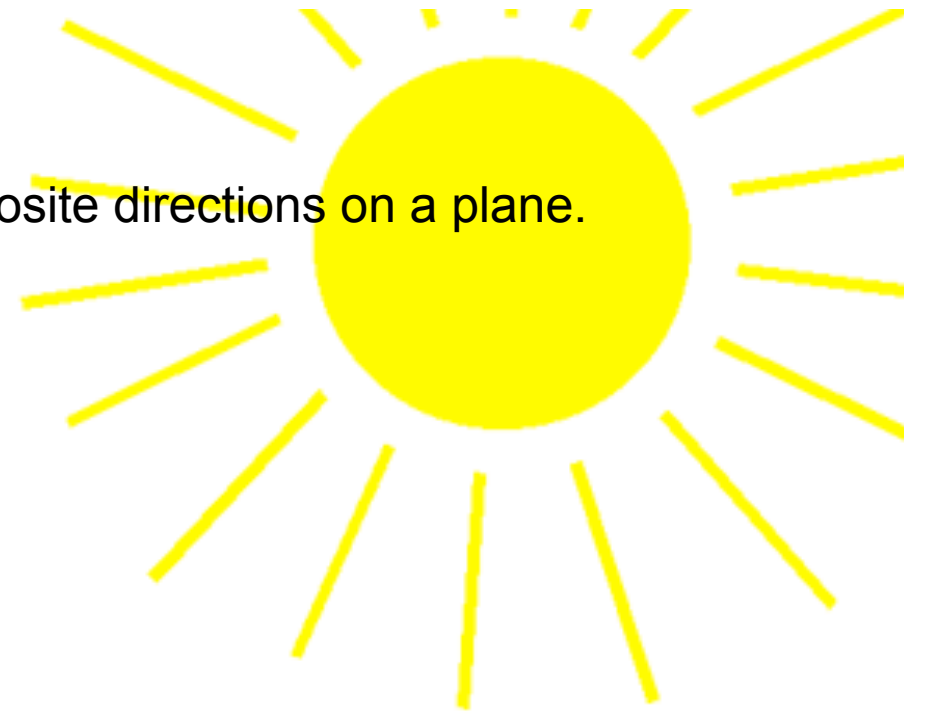
Sounds like: "Line segment AB"

Written as:

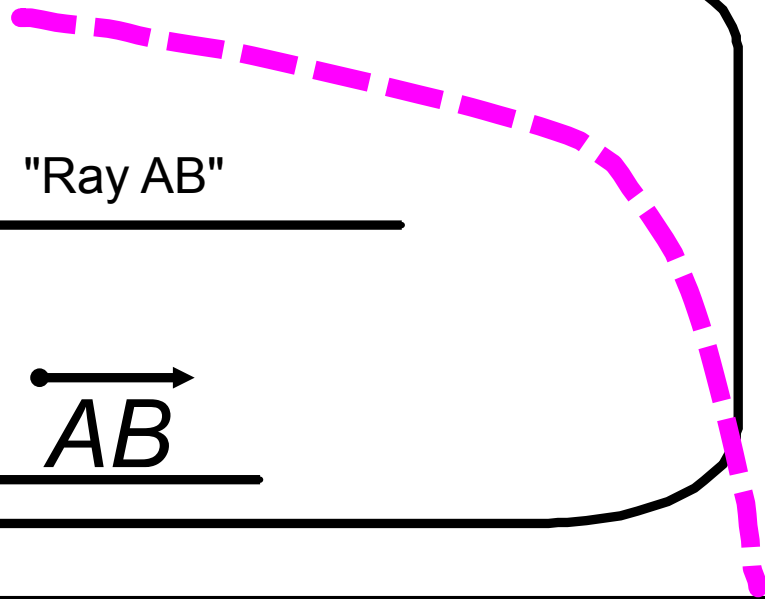


The Ray

A Ray--- an infinite amount of points going FOREVER in two opposite directions on a plane.



Looks like:



Sounds like: "Ray AB"

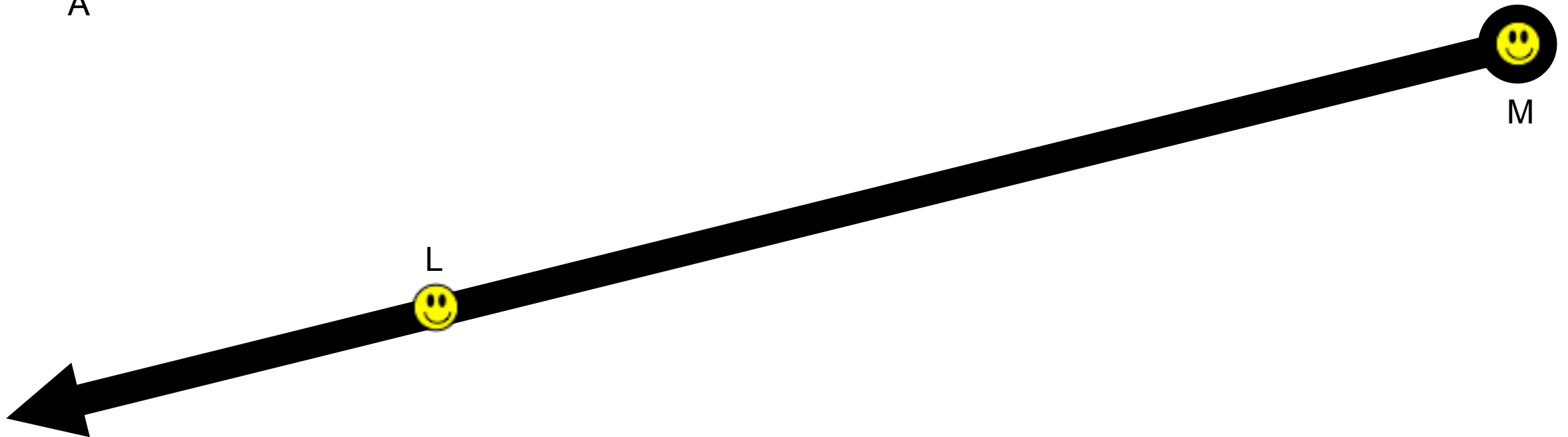


Written as:



A

B



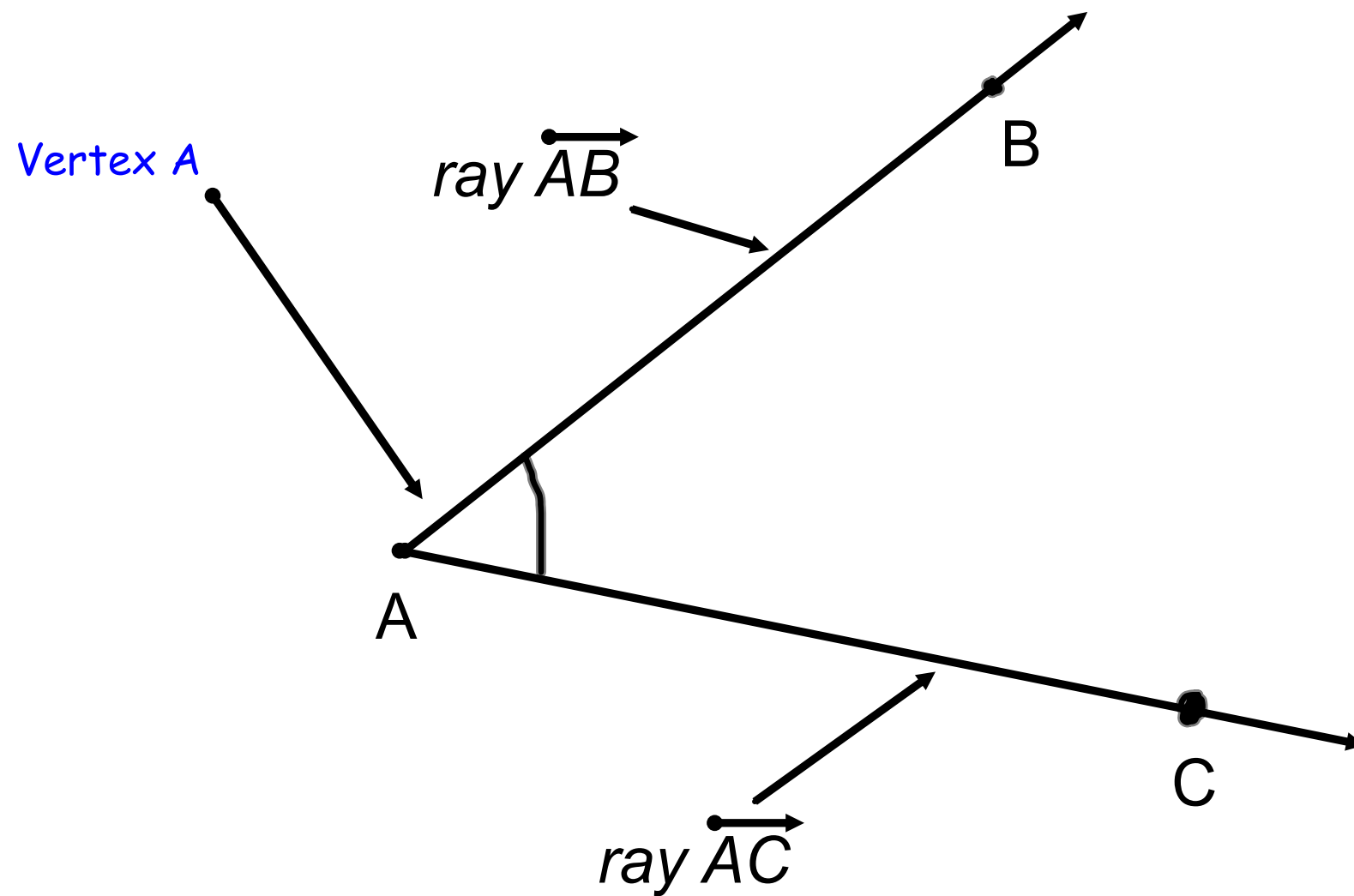
M

L

Geometric Terms Part 2

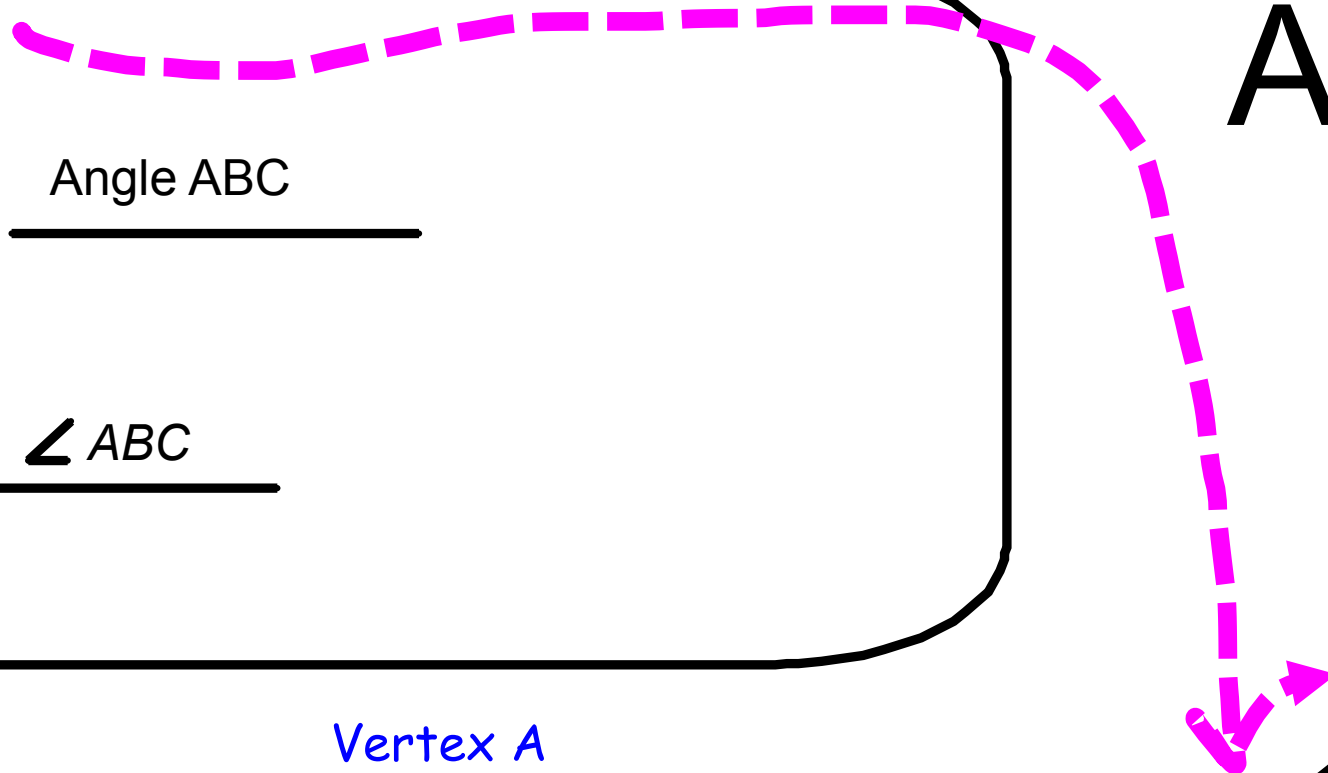
Labeling angles and Shapes

An angle is two rays connected at a common endpoint.



Angles

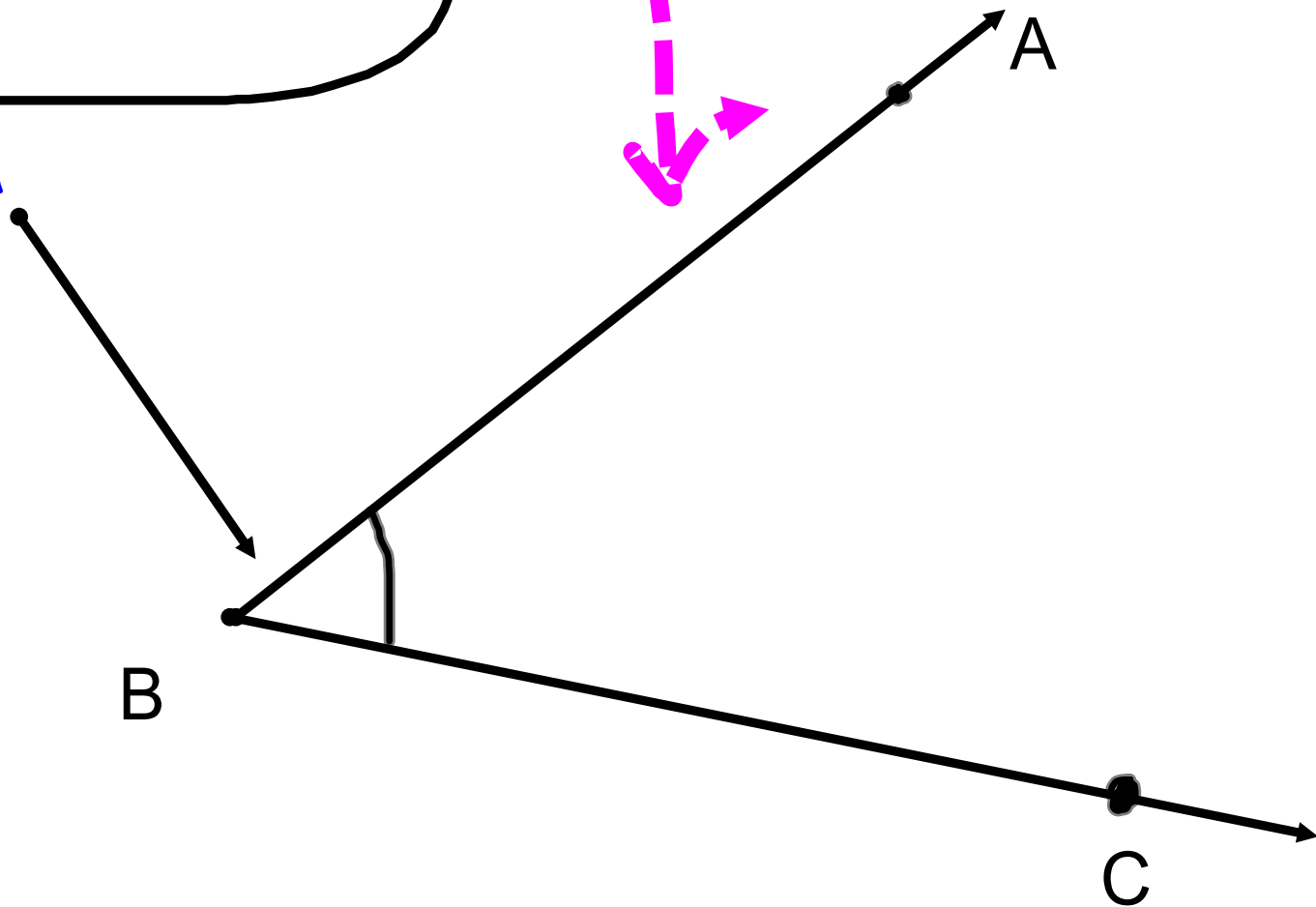
Looks like:



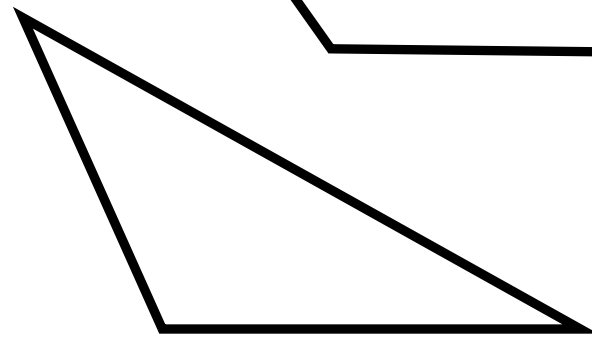
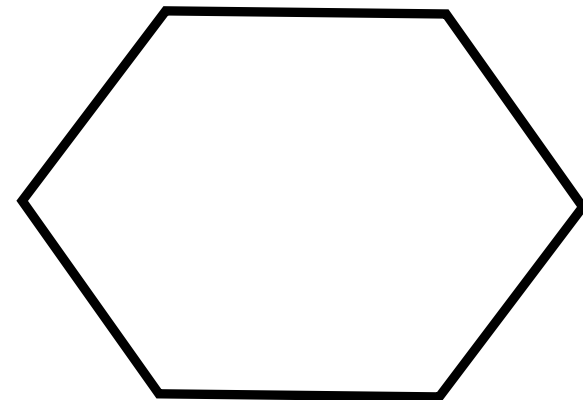
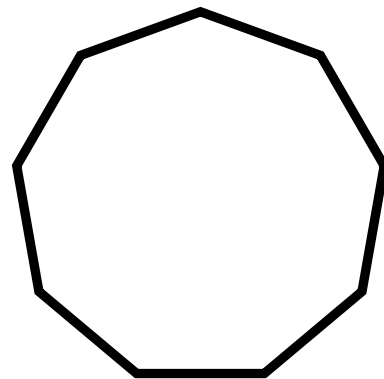
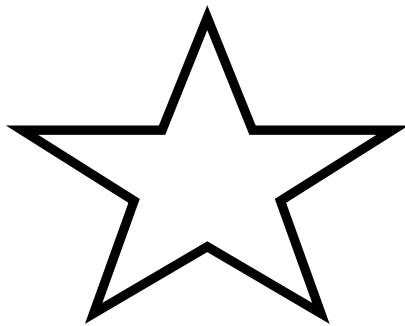
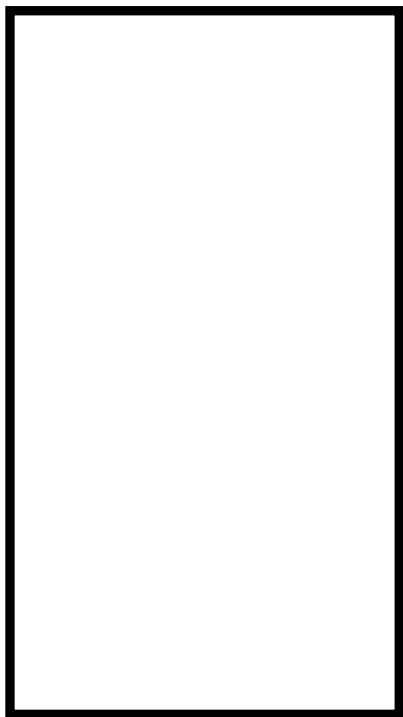
Sounds like: Angle ABC

Written as: $\angle ABC$

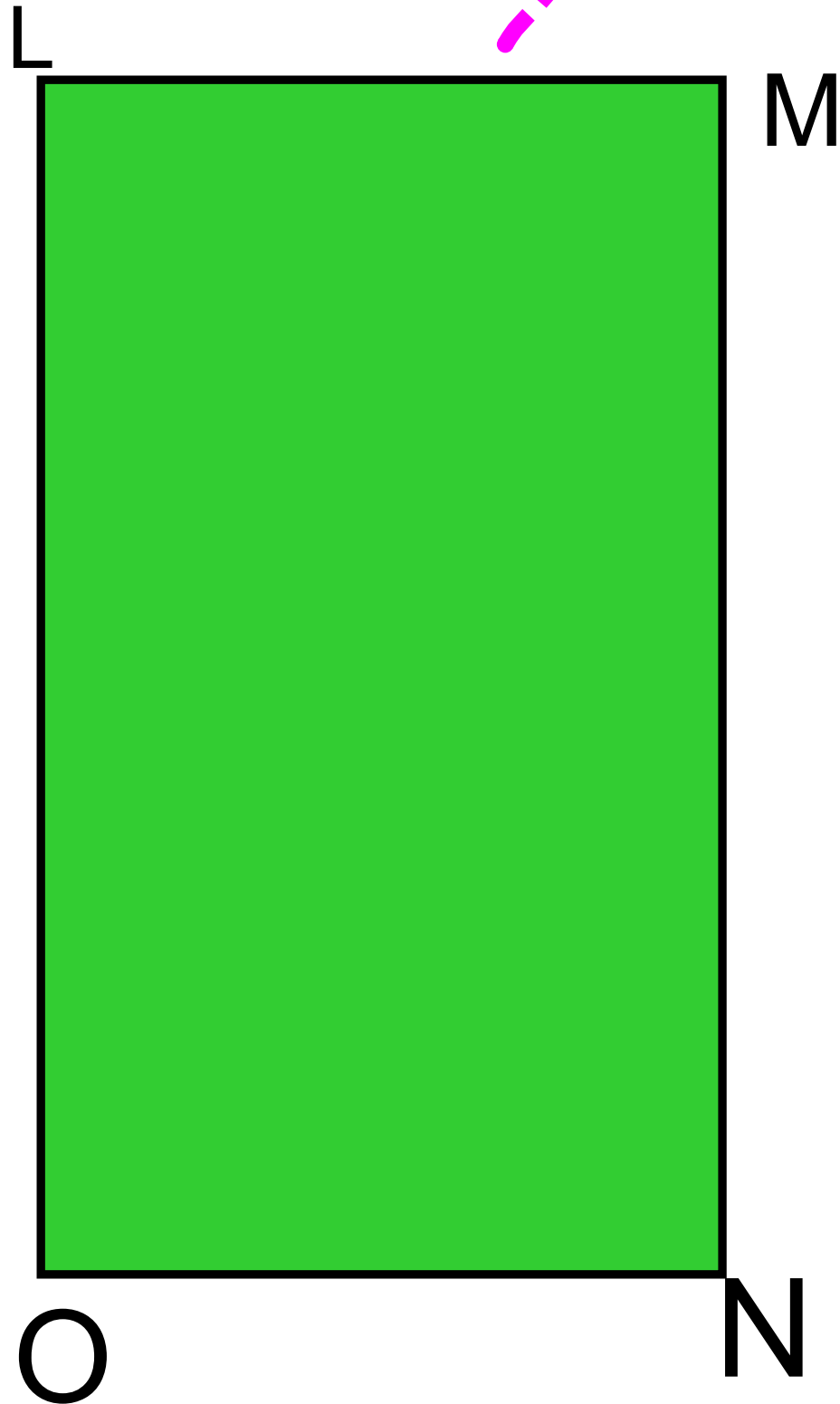
Vertex A



Polygon- "Many-sided"-- a union of 3 or more line segments where each segment intersects forming angles. These angles are called vertices (plural for vertex).



Labeling Polygons



Looks like:

Sounds like: "rectangle LMNO"

Written as: $\square LMNO$

$\triangle RST$

