Open and Closed Shapes
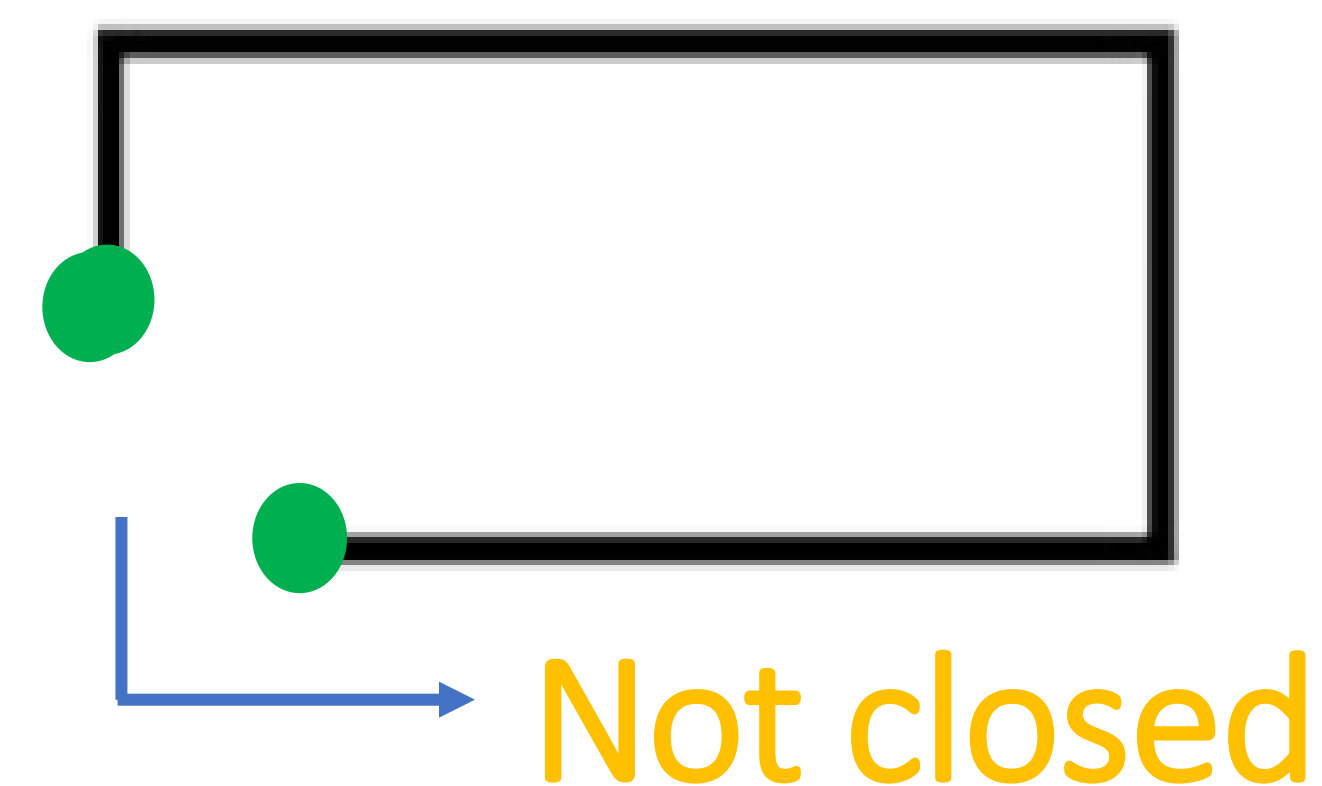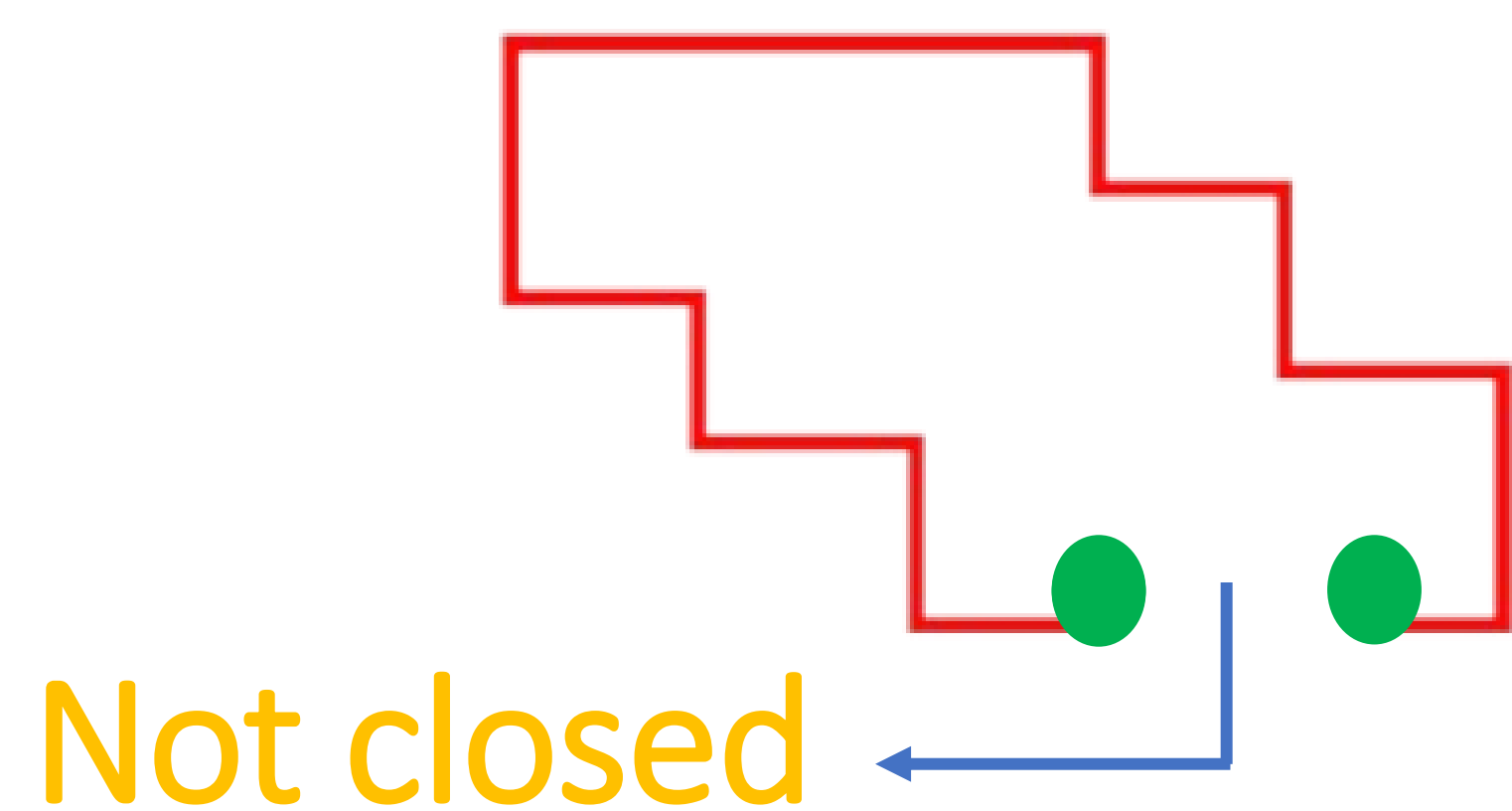
Open Shapes

❖ In simpler terms, they have an opening or gap somewhere, preventing them from forming a completely enclosed "loop".

❖ Open shapes are defined as shapes or figures with different starting and ending points.

❖ If there is a break in a shape, that means it is not closed and this shape is called OPEN SHAPE.

Not closed
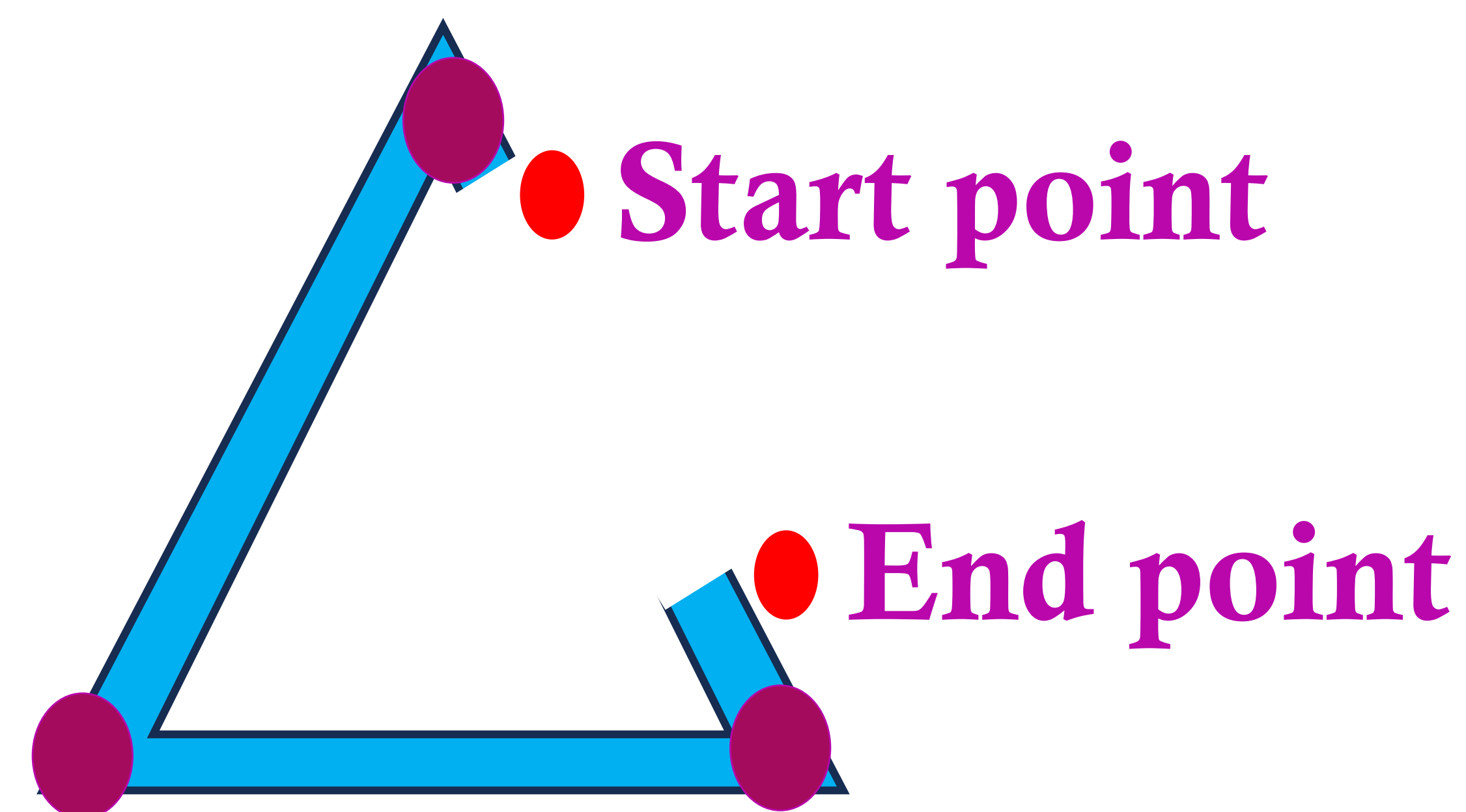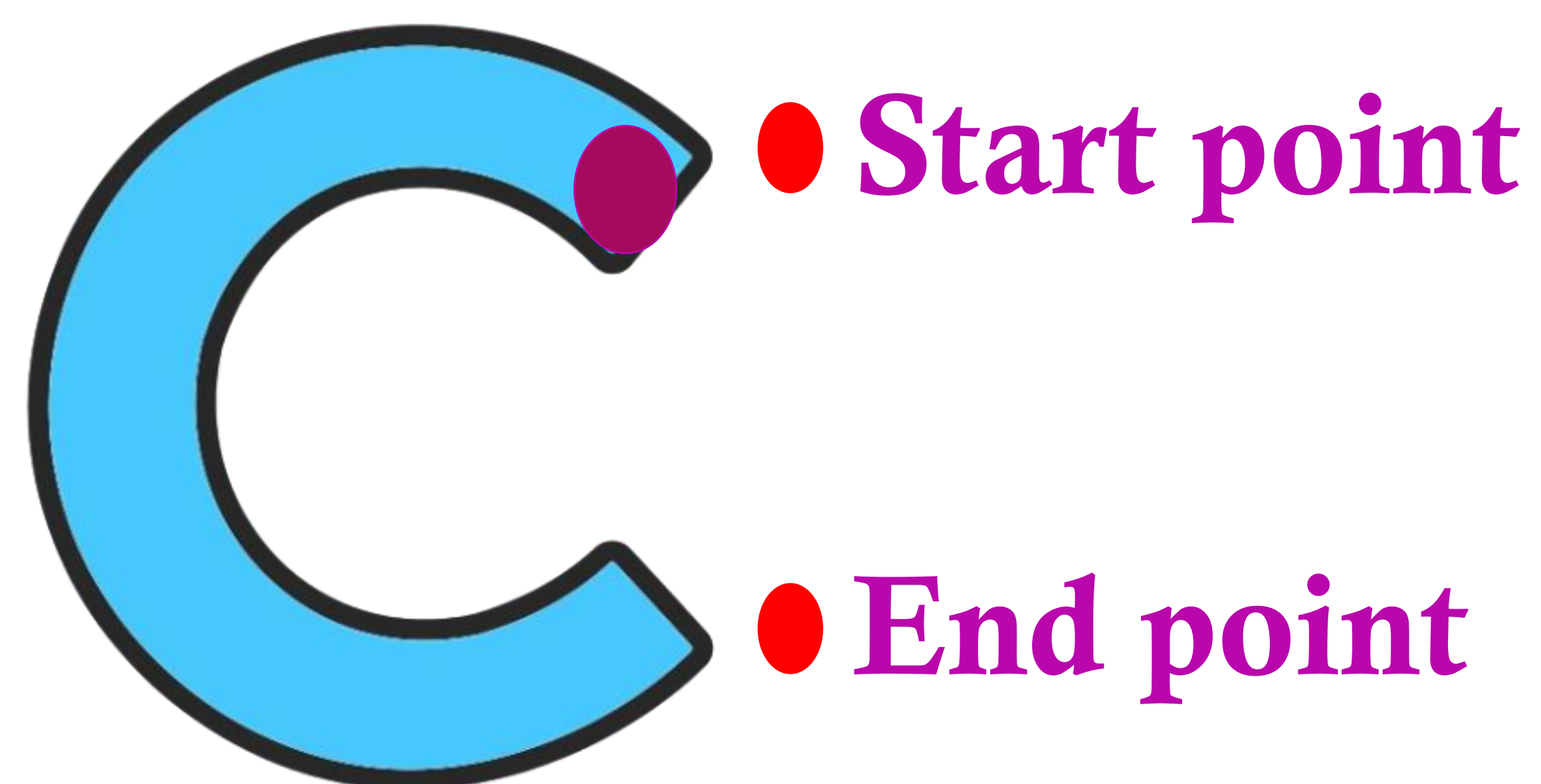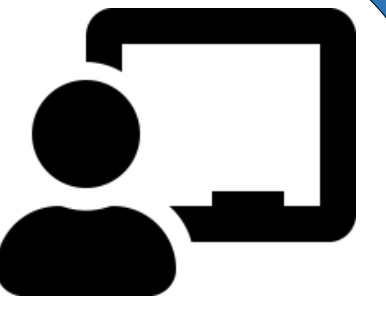
Not closed

Explanation:

Open shape is start and end an different points. They are called open shape

Open shape has different starting point and ending point

● Start point

● End point

● Start point

● End point

Real time examples for open shape

Start End

Start End

Start End

Start

End

Stethoscope

Skipping rope

Headphone

Mosquito coil

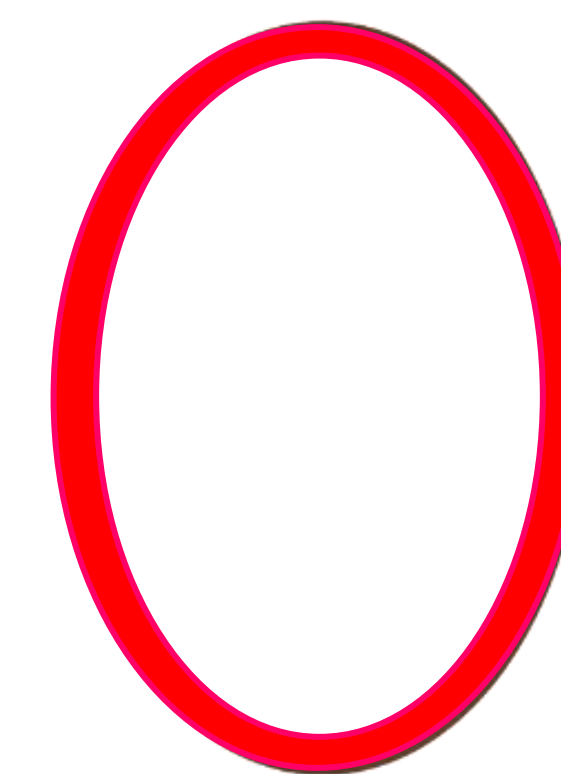These all object has different starting and ending points. So, it is called open shape

Closed Shapes

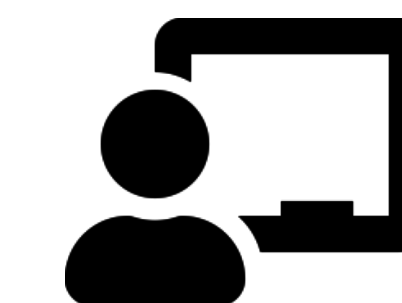❖ A closed shape is defined as a shape that starts and ends at the same point.
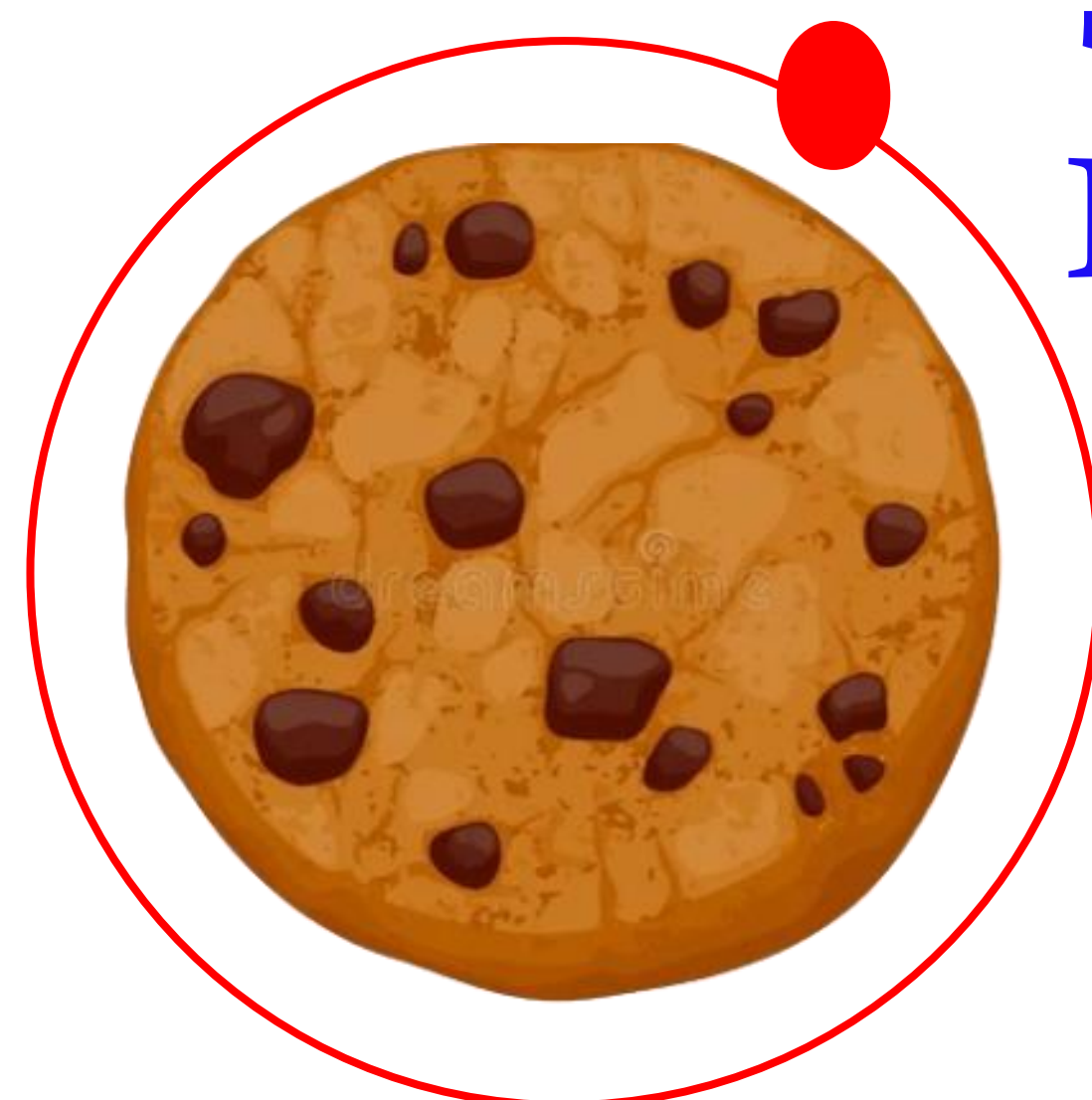
❖ They have well defined boundary and area.

Boundary

❖ There are no gaps in the boundaries in closed shapes.

Explanation:

A closed shape does not have an open end. So, closed shape has same starting point and ending point. Here are some examples of closed shapes.
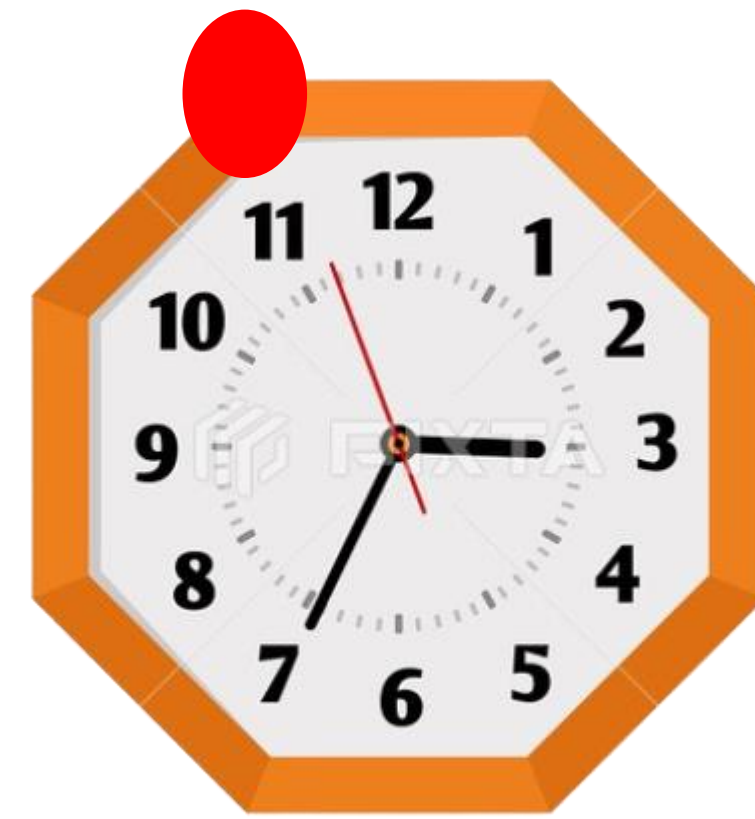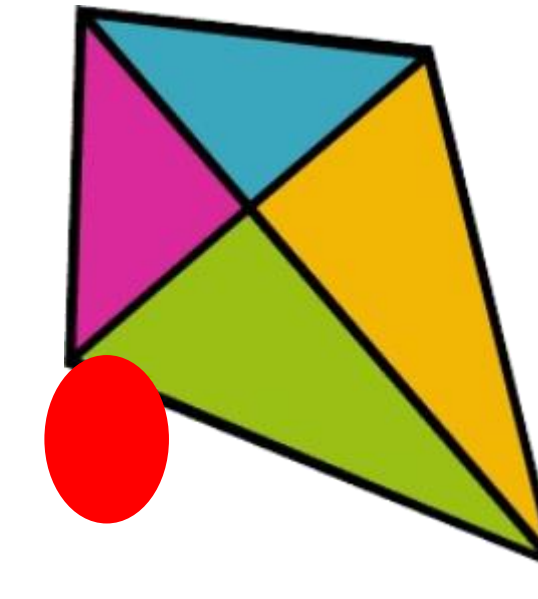
Starting point
Ending point

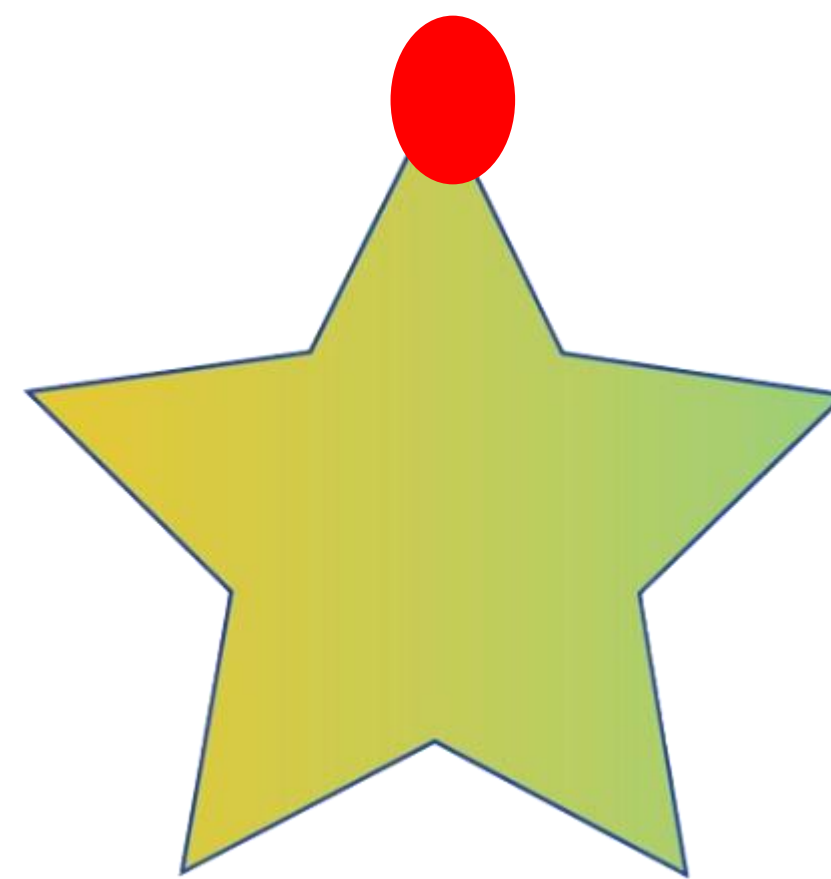**Starting point**
Ending point

Real time examples for closed shape

Ball

Wall clock

Kite

Mobile phone

Star

Traffic light

Rain drop

OPEN Figure

CLOSED Figure

Not closed

Not closed

Not closed

Not closed

Not opened

Not opened

Not opened
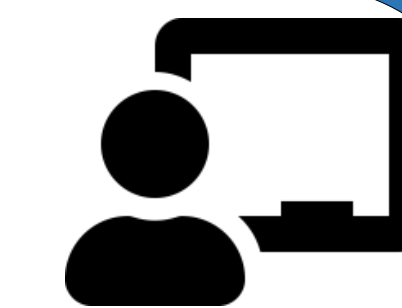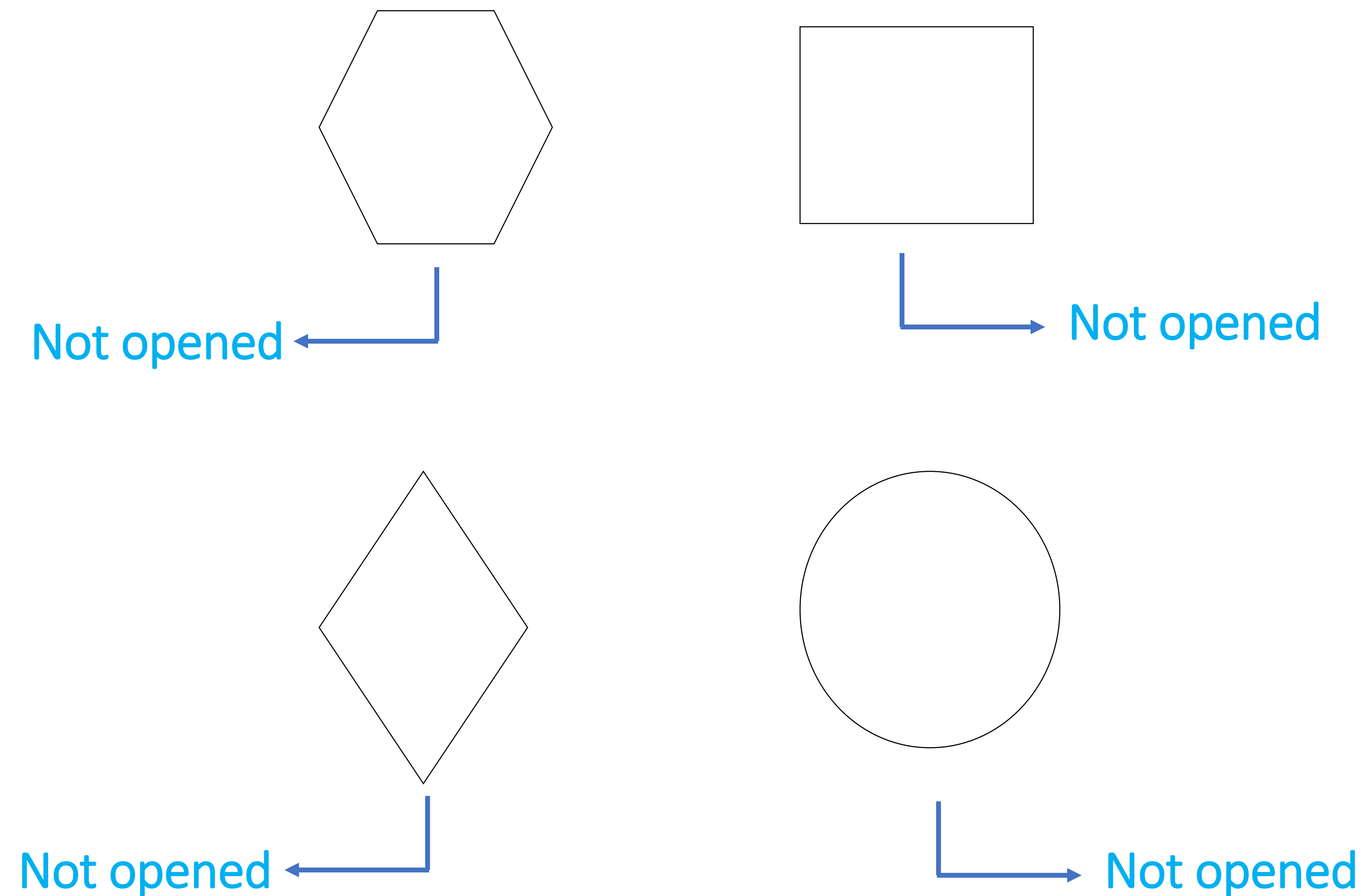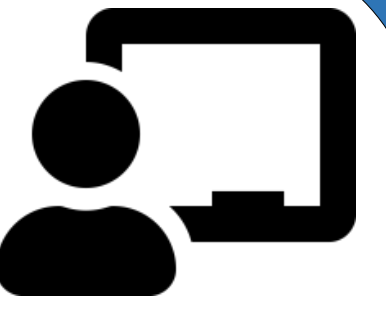
Not opened
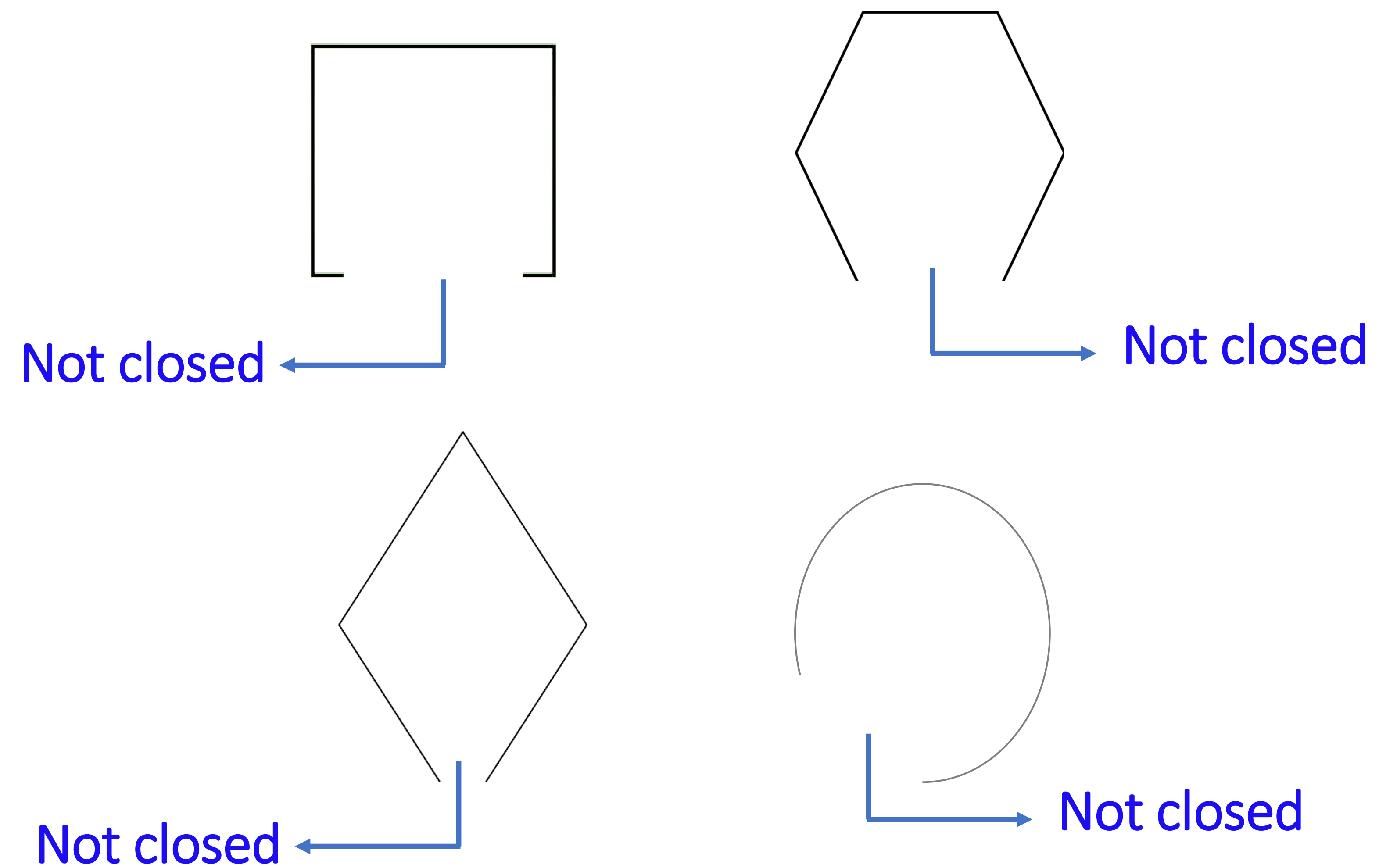
Difference between open and closed shapes
(Real time examples)

OPEN SHAPE	CLOSED SHAPE