

Name: ..... Class: .....

Identify a polygon

A polygon is any 2-dimensional shape formed with straight lines. It is also a closed shape.

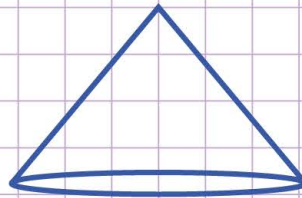
Say whether the following shapes are polygons or not.

a.



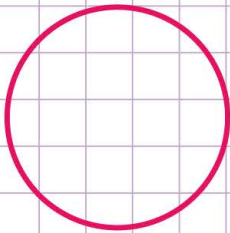
Yes  No

c.



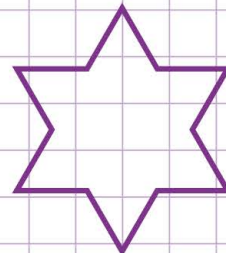
Yes  No

b.



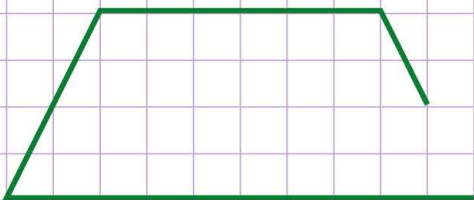
Yes  No

d.



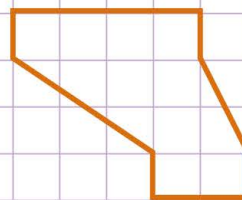
Yes  No

e.



Yes  No

f.



Yes  No



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Say whether the following shapes are polygons or not.

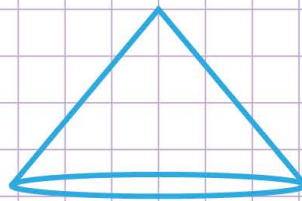
a.



Yes       No

Is this shape a 2-dimensional shape? Yes.  
Does this shape have straight lines? Yes.  
So, it is a polygon.

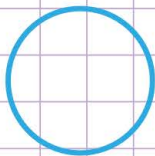
c.



Yes  
 No

Is this shape a 2-dimensional shape, NO.  
Is this shape a closed shape? Yes.  
Does this shape have straight line?  
Not all lines are straight.  
So, this is not a polygon since it is not a 2D shape.

b.



Yes  
 No

Is this shape a 2-dimensional shape? Yes.  
Is this shape a closed shape? Yes.  
Does this shape have straight lines? No.  
So, this is not a polygon since it does not have straight lines

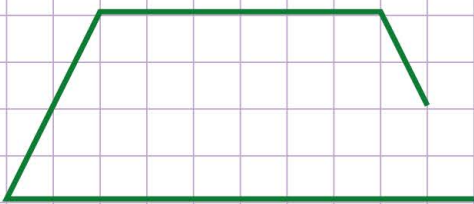
d.



Yes  
 No

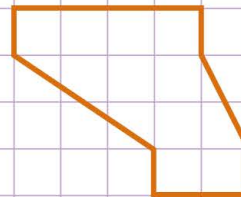
Is this shape a 2-dimensional shape? Yes.  
Is this shape a closed shape? Yes.  
Does this shape have straight lines? Yes.  
So, this is a polygon.

e.



Yes       No

f.



Yes       No

