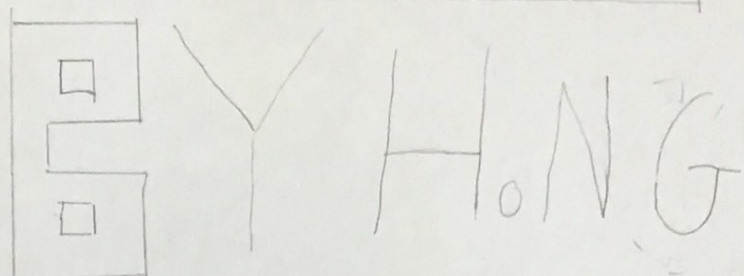


Always, sometimes, Never

This is a square

→ cutting a corner off a square makes a pentagon (sometimes true)

Now it is a pentagon - the ~~square~~ triangle is the part that we cut

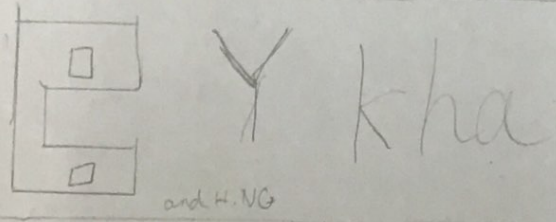


And Kha

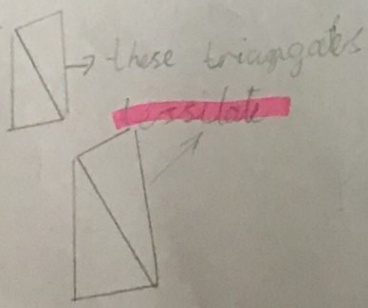
This is ~~not~~ a pentagon because *

* It is not a pentagon so it is not a pentagon

→ We did not cut it straightly so the line is not straight.



and H.NG



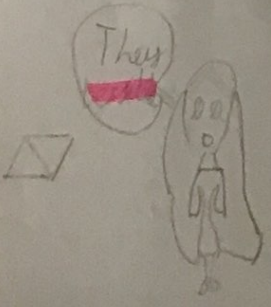
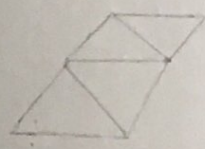
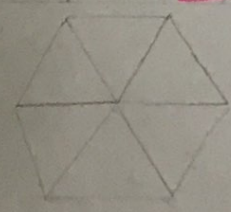
→ these triangles tessellate

Triangles tessellate

This is always true because if you make any any triangle they will always be able to fit together. And all of the triangles are fine straight lines so they are also ~~straight~~

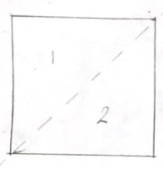
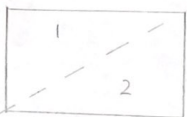
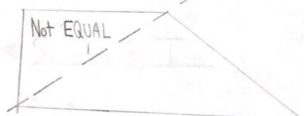
Owners: Hoang Ngan, Kha

more:




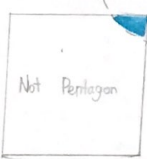
Always, Sometimes, and Never True

Sometimes True

1)   

Quadrilaterals can be cut into two equal triangles - Sometimes True

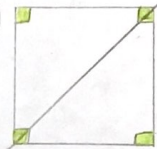
Cut

2)  

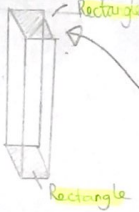
Cutting a corner off a square makes a pentagon - Sometimes True

It didn't say you can cut in curved it said cutting a corner

Always True

1) 

Squares have two diagonals that meet at right angles - Always True

1) 

A cuboid has two square faces - Sometimes True

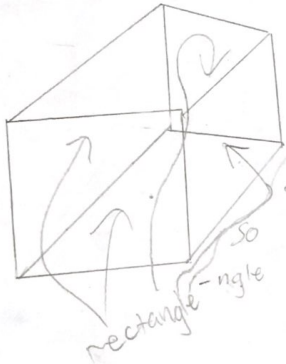
Because...

Theresa, Bonnie



Cutting a corner off a square makes a pentagon - ALWAYS

TRUE. By cutting a corner off a square we make another side and another corner. But it is also Sometimes True because

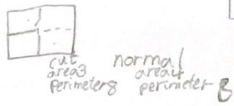
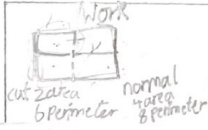


6 rectangle faces on a cuboid

A cuboid has 2 faces on each side because a square is a rectangle so it was Sometimes True! But the rest is a rectangle on every side.



Not a Polygon because that not a line So it is not a pentagon.

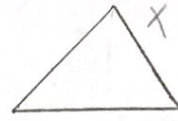
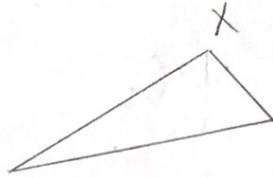
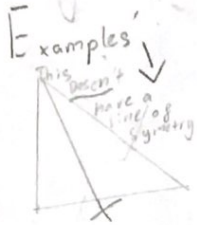


It is, sometimes true because If you cut lots of space you might reduce the area and perimeter but if you cut one space it might not reduce the perimeter. But if you can take a piece off so you can cut a half of a shape and can reduce both area and perimeter.

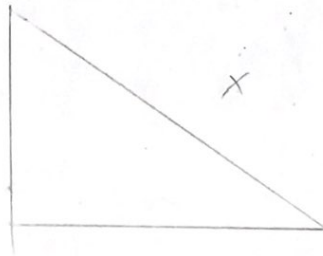
Always True - Sometimes True - Never True

Always, Sometimes Or Never True.

Triangles have a line of symmetry - SOMETIMES TRUE



Some triangles have a line of symmetry and some don't. That's why Triangle have a line of symmetry is sometimes true

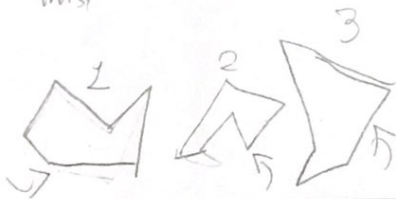


Sometimes true

A hexagon has six equal length sides

Sometimes true because some time hexagon looks like this,

But sometimes it have equal sides.



Cutting a corner of a square is Sometimes True

Polygon



The question didn't say that you can't cut off two pieces or more so I think that its sometimes true because if you cut off a corner off a square it will be a pentagon and pentagons are pldygon but if you cut off a pentagon or more it could still become a shape that is a polygon.

Always, sometimes or Never true

This is a Hexagon
This is still a Hexagon

A Hexagon has six equal length sides but all sides don't have to be equal so that is in Sometimes true.

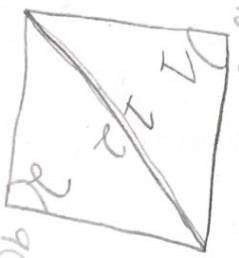
A cuboid has ~~to~~ 2 square faces because square is a rectangle



It's sometimes true

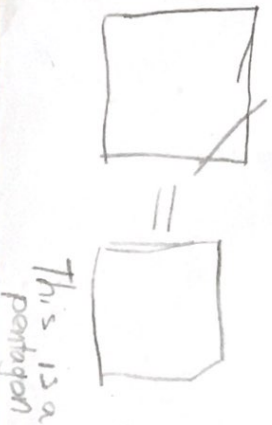
~~faces~~

Squares have two diagonals that meet at right angles It's always true because

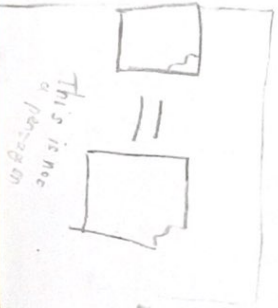


(That's not a good square)

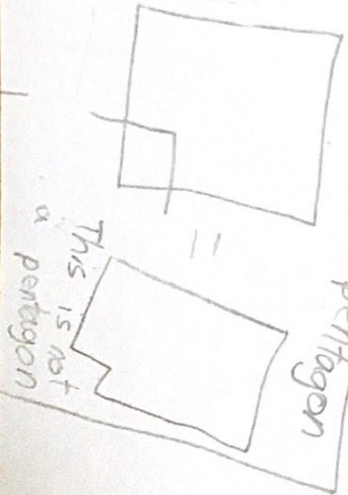
Cutting a corner off a square makes a pentagon That's sometimes true because



This is a pentagon

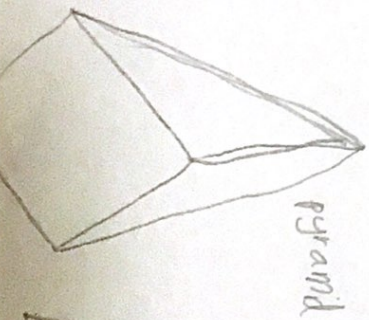


This is not a pentagon



This is not a pentagon

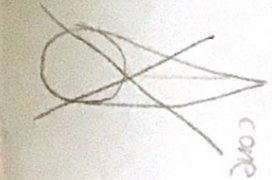
A base of a pyramid is a square That's sometimes true because a base of a pyramid can also be a triangle



pyramid

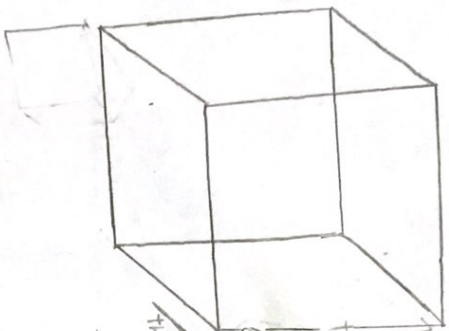




pyramid









cone




Always, sometimes, never?

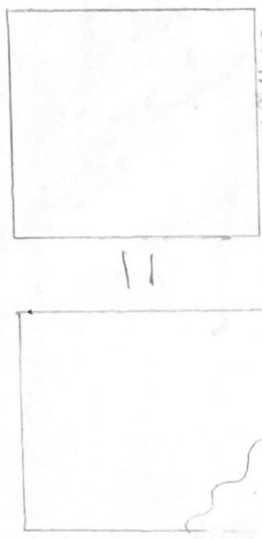


1. The base of a pyramid is a square. I think it's sometimes true because there are triangle based-pyramid like  and square based-pyramid like  and also there is cone

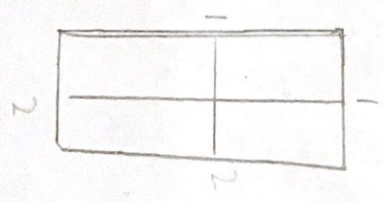
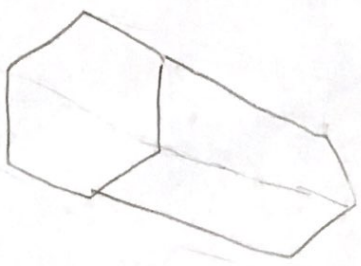
2. Quadrilateral can be cut into 2 equal triangle this is sometimes true, most people is thinking it's Always. but is not. Because , ,  can cut into 2 equal triangles , , 

3. squares have two diagonals that meet at right angle. lets do it.       Wait!

4. Cutting a corner off a square diamond's line is vertical and horizontal! it's sometimes! sometimes doesn't think a pentagon like  cut by  so it is sometimes true. Do it!  $4-1=3$

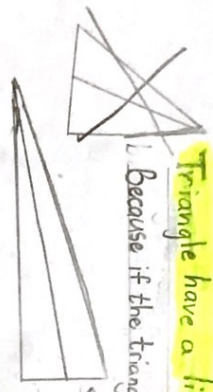


5. The number of lines of symmetry in a regular shape is equal to the side of the shape. Do it!  $4=4$



Always, Never or Sometimes true?

Triangle have a line of symmetry - SOMETIMES TRUE!



Because if the triangle is like this it would not be symmetrical. And if it is a normal triangle, it would be symmetrical. We think that, because there are many different triangles in the world.

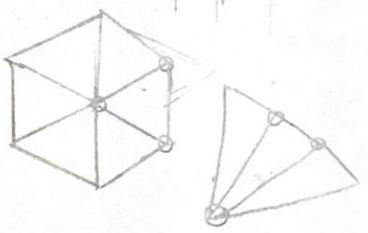
The base of a pyramid is a square - SOMETIMES TRUE



Because when we flip ~~around~~ tops of pyramids around we could see different shapes. Maybe there's some that we have not DISCOVERED

Triangles tessellate - ALWAYS TRUE

Because we try to tessellate the triangles and all the sides tessellate so the triangles are tessellate.



Cutting a corner off a square makes a pentagon - SOMETIMES TRUE

Because, what if the line is a squiggly line? Or curve and even zigzag line?

