




Name: _____

Date: 26.2.2021

Counting vertices on 3D shapes

Watch this video <https://youtu.be/7iUHxliAd9A> and have a go at these questions.

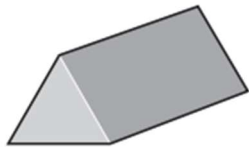
1. Complete the table.

Shape	Number of vertices
	
	
	

I count vertices where edges meet.



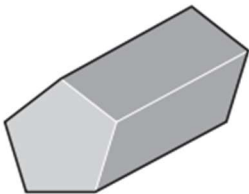
2. Complete these sentences.



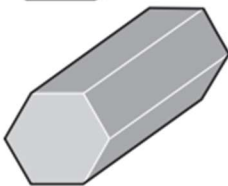
has vertices.



has vertices.



has vertices.



has vertices.

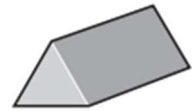
3. Match the shapes to the number of vertices.



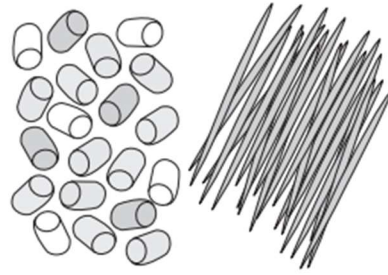
< 5 vertices

= 5 vertices

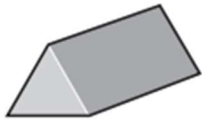
> 5 vertices



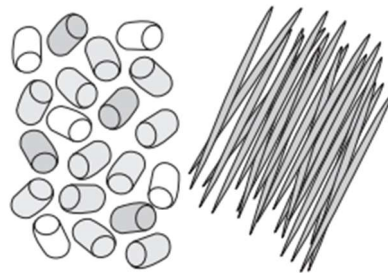
4. Will has 20 marshmallows.
He makes 2 different shapes.
He has 6 marshmallows left.



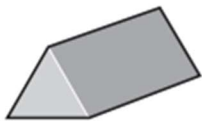
Circle the shapes he has made.



5. Rose has 20 marshmallows.
She makes 3 different shapes.
She has 3 marshmallows left.



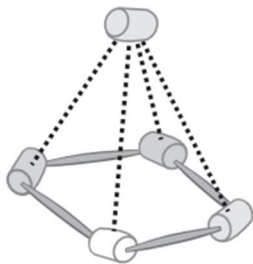
Circle the shapes she has made.





Challenge questions

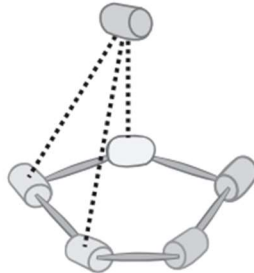
6. Complete the drawings for these pyramids.
Write the number of faces, edges and vertices for each one.



Faces =

Edges =

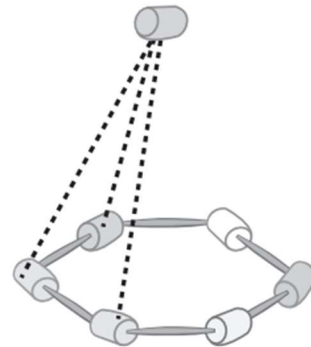
Vertices =



Faces =

Edges =

Vertices =



Faces =

Edges =

Vertices =

7. Jack says,



All 3-D shapes
have at least one
vertex.

Is this true or false? Explain why.
