

3D SHAPES



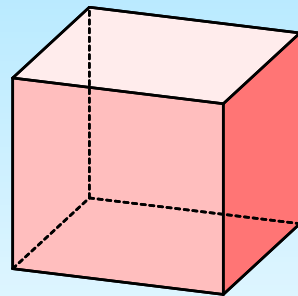
3D shapes are everywhere!

If you look around, you will see objects that are made from many different 3D shapes.

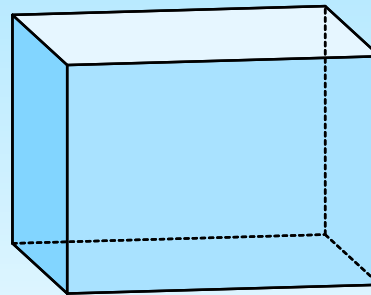
How many can you identify?

3D SHAPES

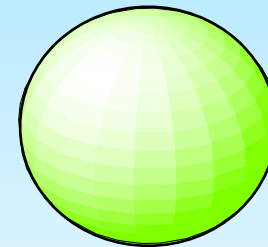
Here are some 3D shapes that you should know.



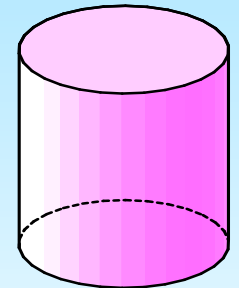
Cube



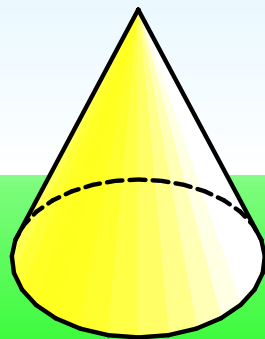
Cuboid



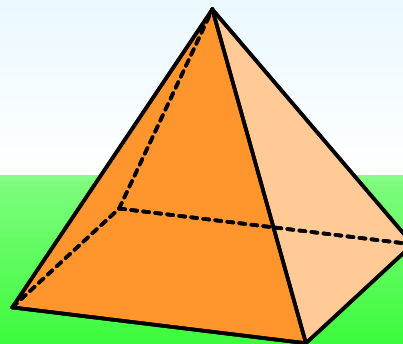
Sphere



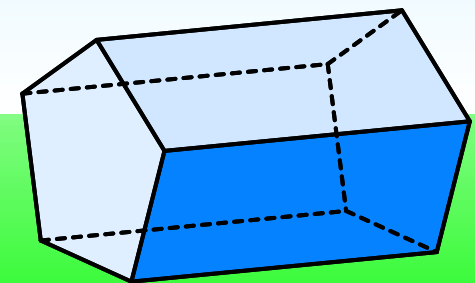
Cylinder



Cone



Pyramid

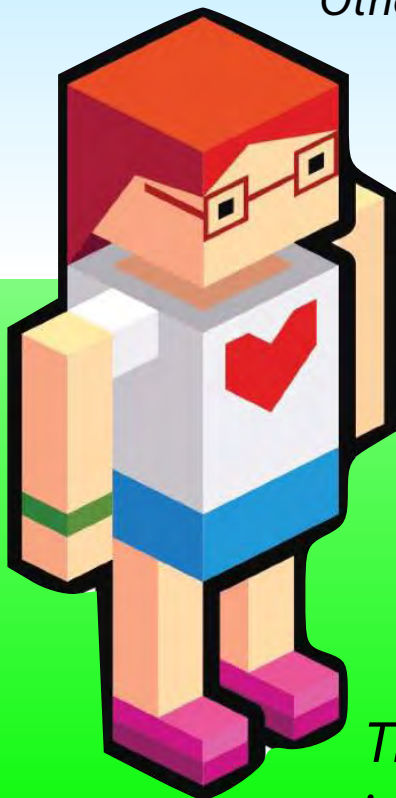


Prism

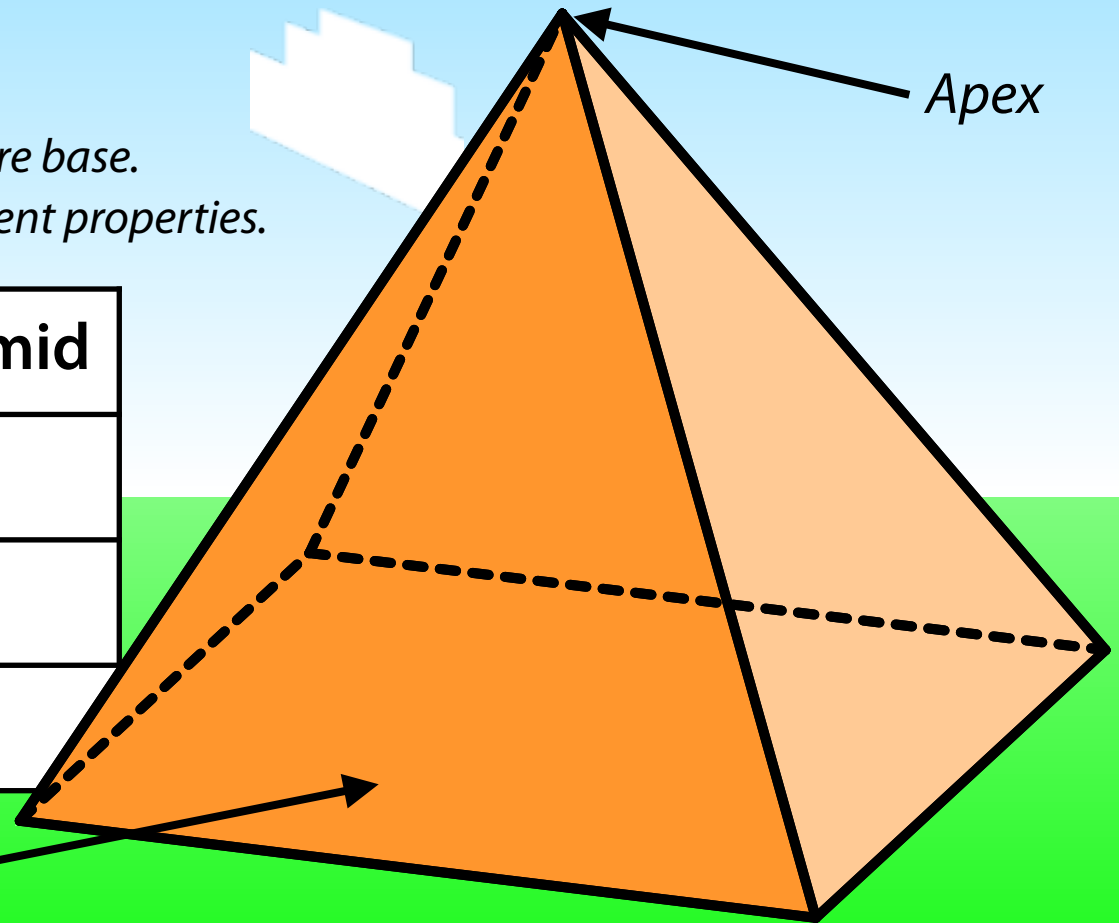
A pyramid has a flat base with triangles that meet to make a point at the top.

PYRAMID

*This pyramid has a square base.
Other pyramids will have different properties.*



Name	Pyramid
Faces	5
Edges	8
Vertices	5

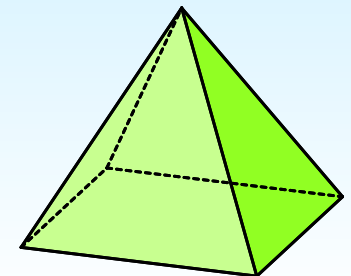
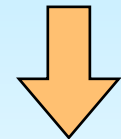
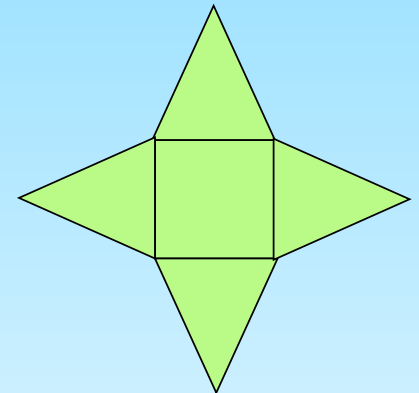
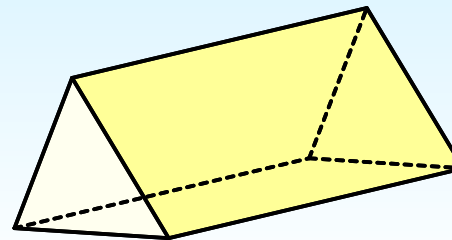
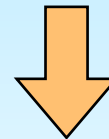
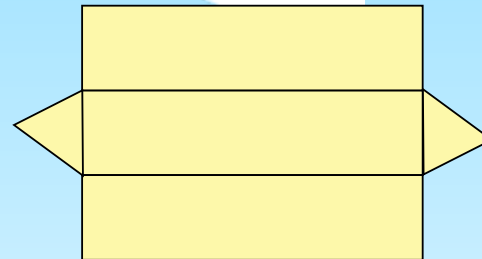
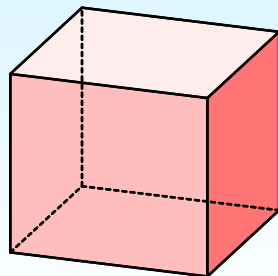
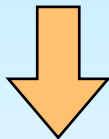
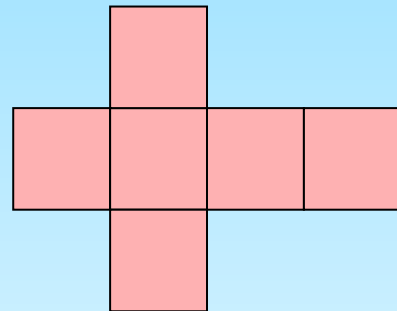
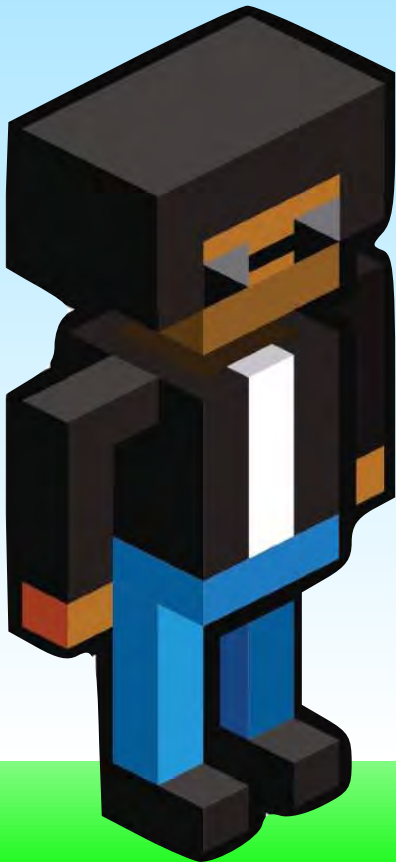


The base of a pyramid can be any shape with straight sides, including a triangle, square, rectangle, hexagon or octagon!

A net is a flat shape that can be folded up to make a 3D shape.

NETS

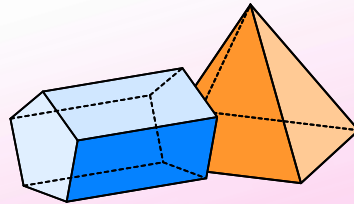
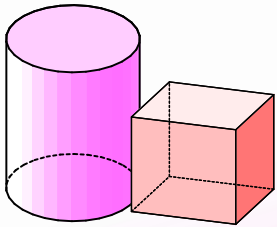
Here are a few examples.



Sometimes, different nets can make the same shape!

1

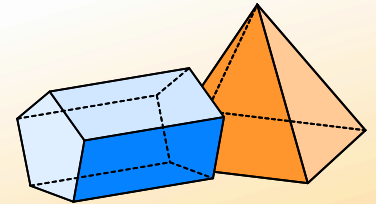
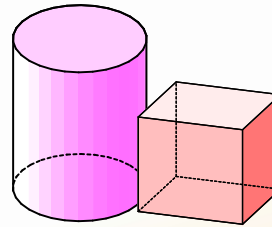
Using a ruler,
can you draw a picture
of a cube?



2

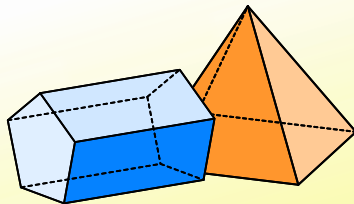
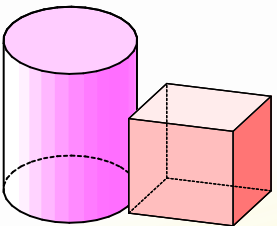
Unscramble the letters:

BCUE



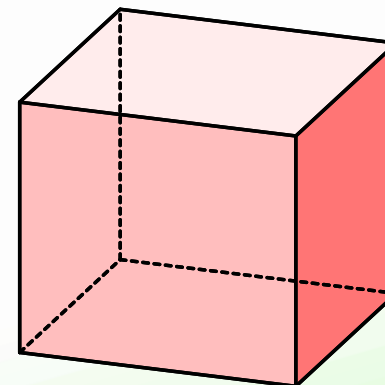
3

I have five faces and five
vertices. What am I?



4

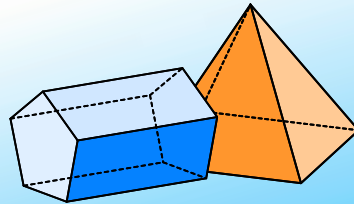
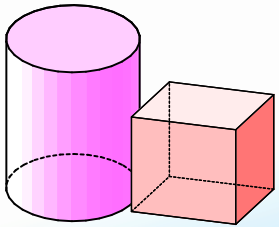
Name this shape...



5

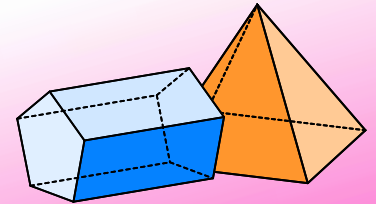
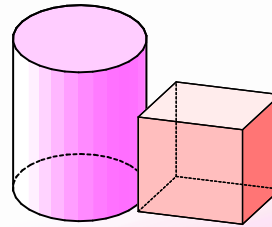
Unscramble the letters:

BUCDOI



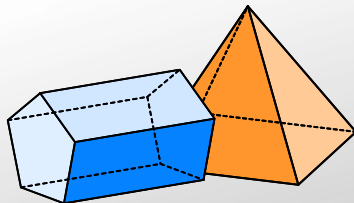
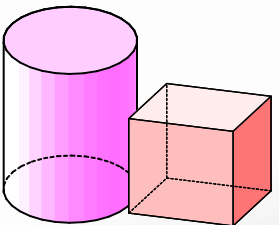
6

I have 1 face and
1 curved surface.
What am I?



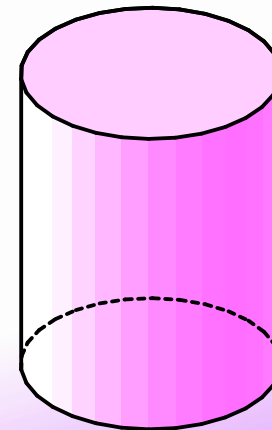
7

Using a ruler,
can you draw a picture
of a cuboid?

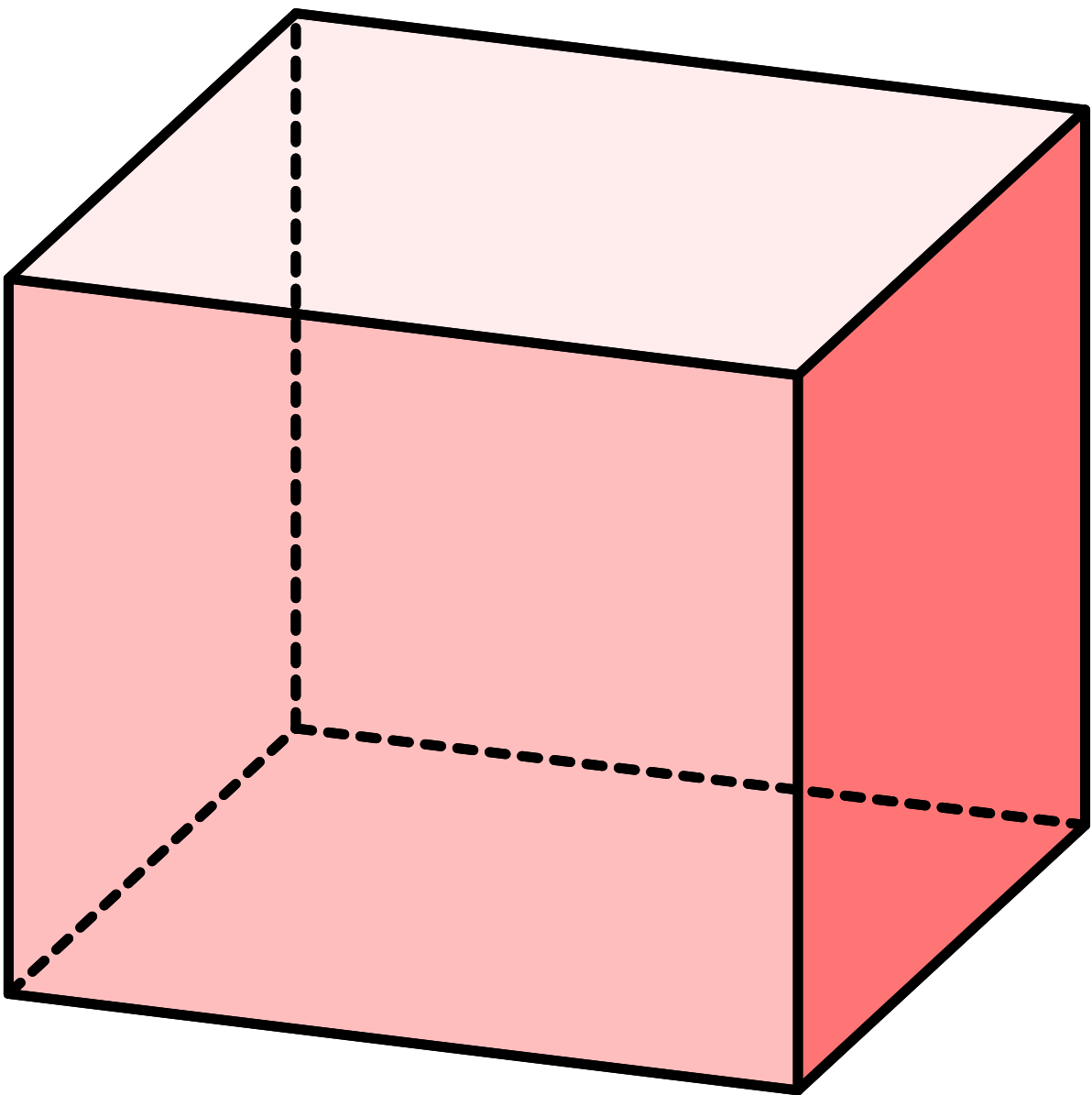


8

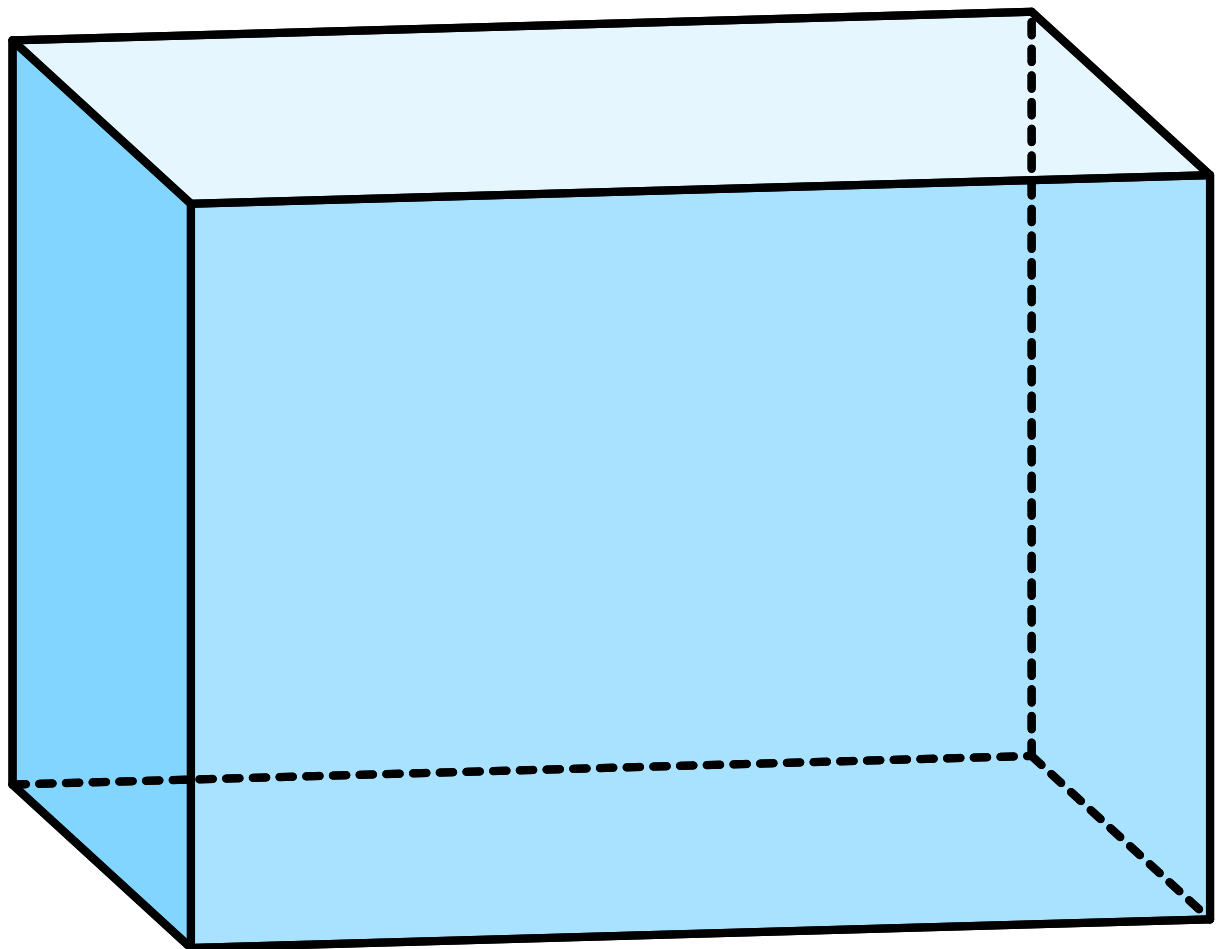
Name this shape...



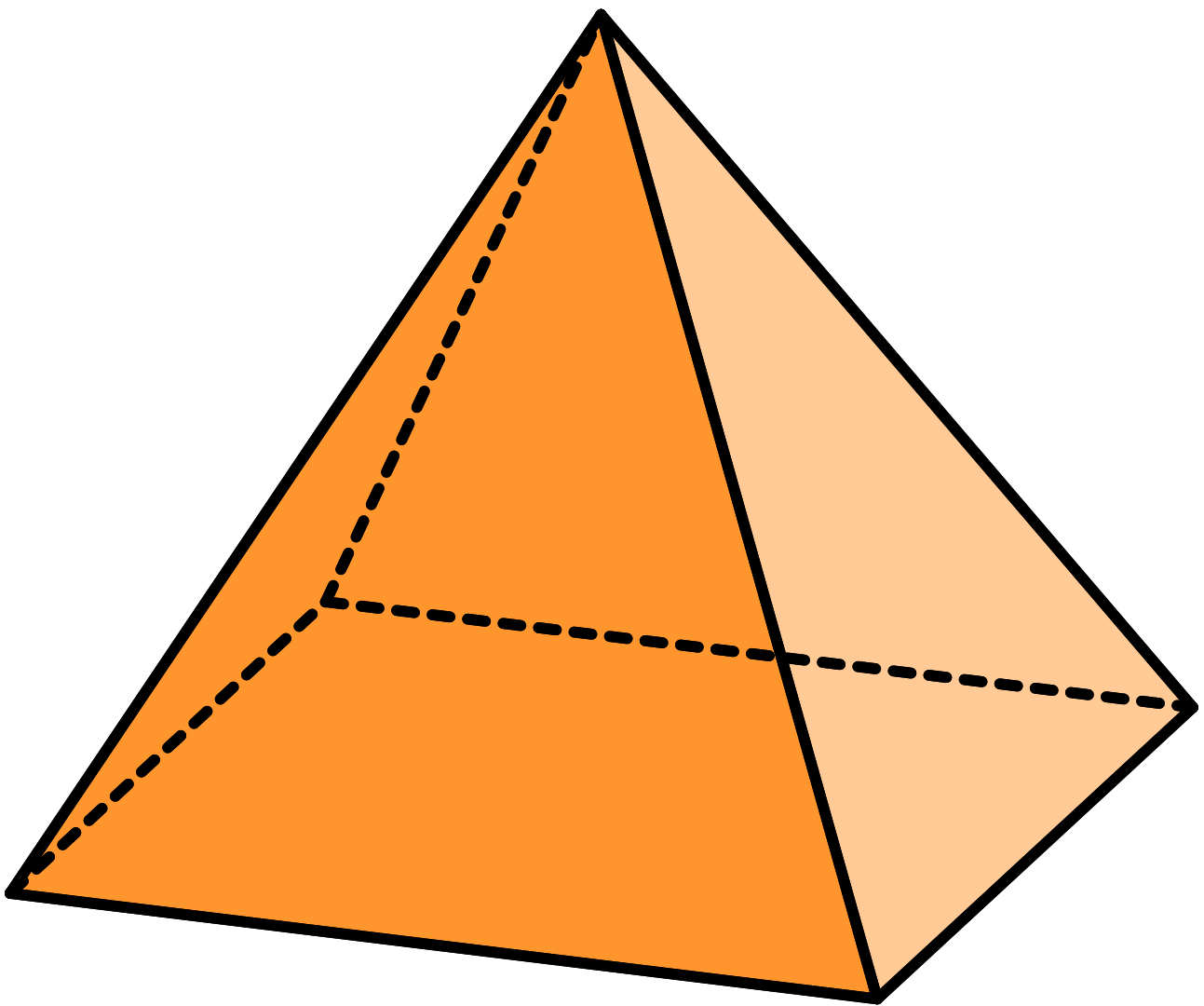
Cube

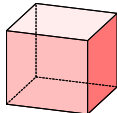
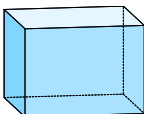

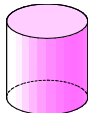

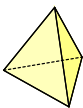
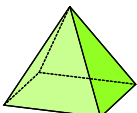
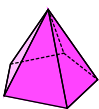
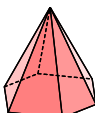
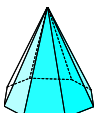
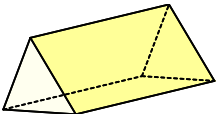
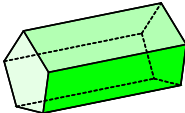
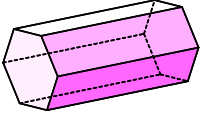
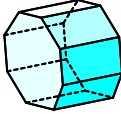


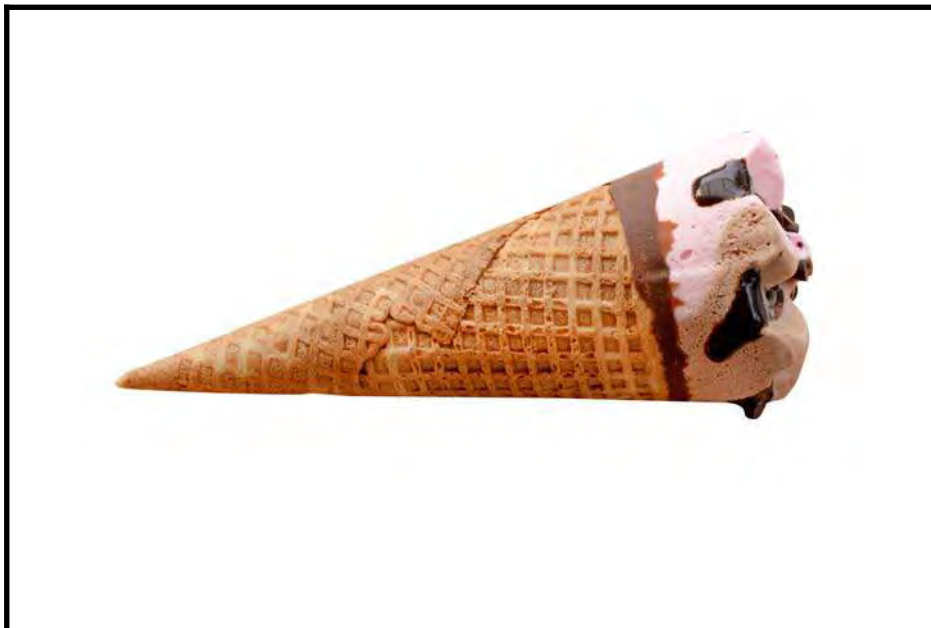
Cuboid



Pyramid



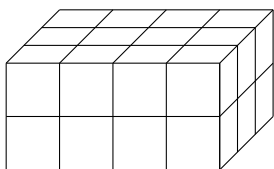
3D Shape / Object		Faces	Edges	Vertices
Cube				
Cuboid				
Sphere				
Cylinder				
Cone				
Triangular Pyramid				
Square Pyramid				
Pentagonal Pyramid				
Hexagonal Pyramid				
Octagonal Pyramid				
Triangular Prism				
Pentagonal Prism				
Hexagonal Prism				
Octagonal Prism				



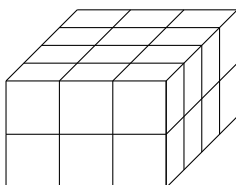
COUNTING CUBES

How many cubes are in each shape below?

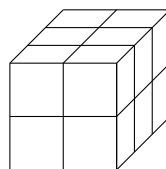
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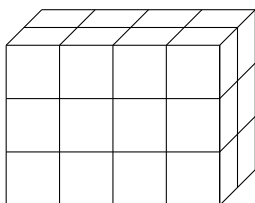
2.



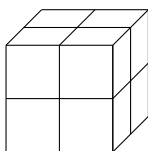
3.



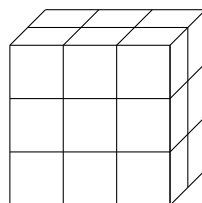
4.



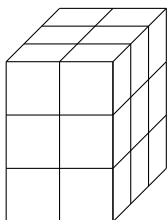
5.



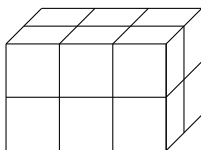
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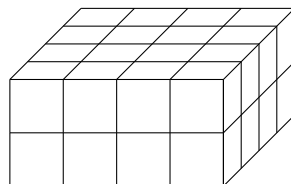
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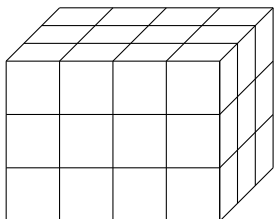
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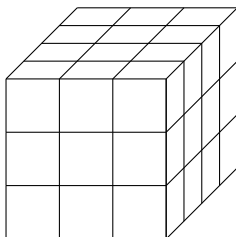
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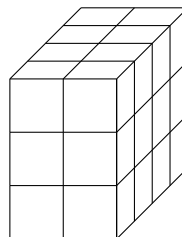
10.



11.



12.



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