

Name: _____

Class: _____

Date: _____

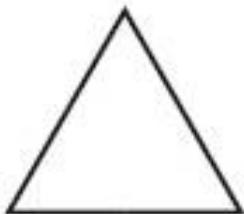
Homework sheet 1**Polygons:**

Identify the following polygons according to the number of sides and regular or irregular.

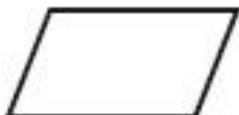
1.



2.



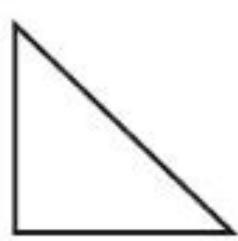
3.



4.



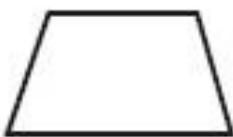
5.



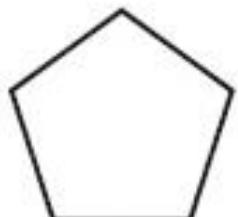
6.



7.



8.



9.



10.



11.

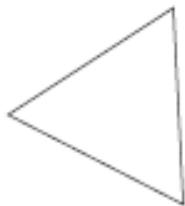


12.



Triangles:Classify the following triangles according to their **sides** and **angles**.

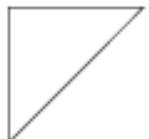
1)



2)



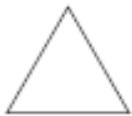
3)



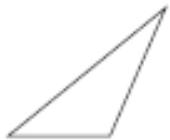
4)



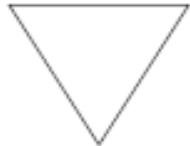
5)



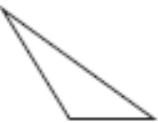
6)



7)



8)



9)



10)



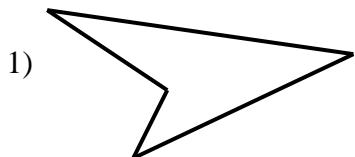
11)



12)



Quadrilaterals:



According to the number of sides, what is the name of this polygon?

.....



What is the name of this shape?

.....

Choose its properties (4 congruent sides – 4 congruent angles – parallel sides)

Does it have 4 sides?

So, it is a and a

.....



What is the name of this shape?

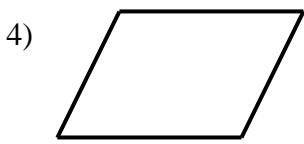
Choose its properties (4 congruent sides – 4 congruent angles – parallel sides)

Does it have 4 sides?

Does it share the same properties with shape 2?

So, it is a , a

..... and a



What is the name of this shape?

Choose its properties (4 congruent sides – 4 congruent angles – parallel sides)

Does it have 4 sides?

Does it share the same properties with shape 2 and 3?

So, it is a , a

a..... and a

5) 

What is the name of this shape?

Choose its properties (4 congruent sides – 4 congruent angles – parallel sides)

Does it have 4 sides?

Does it share the same properties with shape 2 and 3?

So, it is a , a,
a and a

6) 

What is the name of this shape?

Choose its properties (4 congruent sides – 4 congruent angles – parallel sides)

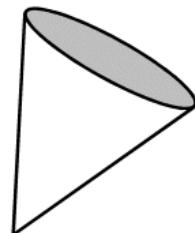
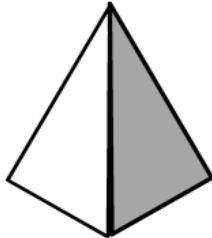
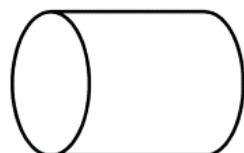
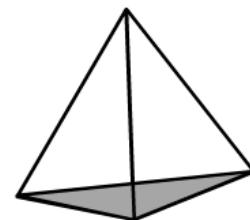
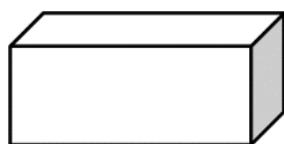
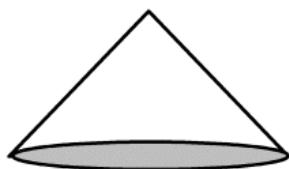
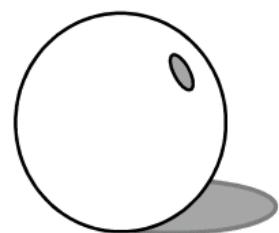
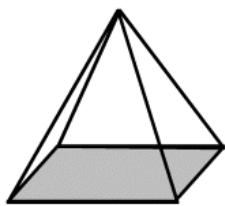
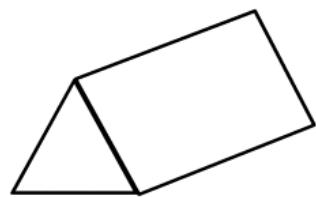
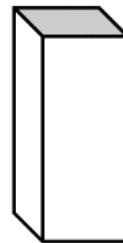
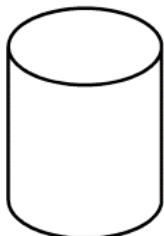
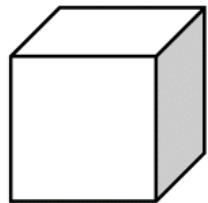
Does it have 4 sides?

Does it share the same properties with shapes 2,3,4 and 5?

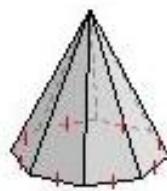
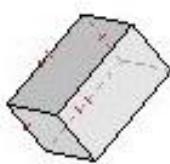
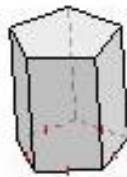
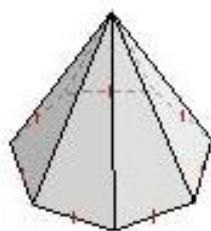
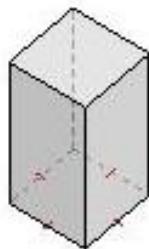
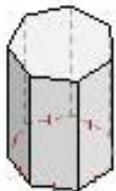
So, it is a , a,
a....., a,
a and a

3D Figures.

Classify the following 3D figures as **polyhedrons** or **non-polyhedrons**.



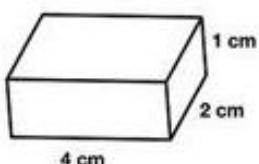
Name the following polyhedrons.



Volume of prisms.

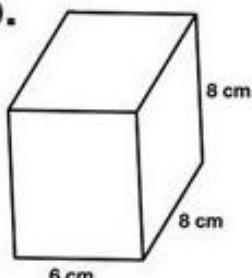
Find the volume of the following prisms.

a.



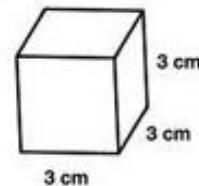
Volume = _____

b.



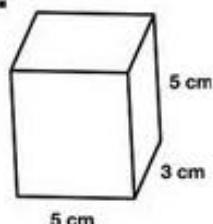
Volume = _____

c.



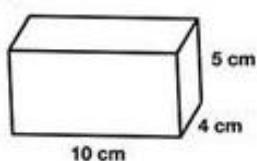
Volume = _____

d.



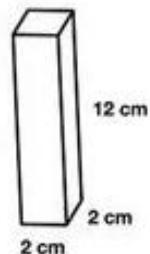
Volume = _____

e.



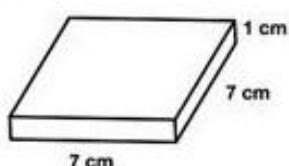
Volume = _____

f.



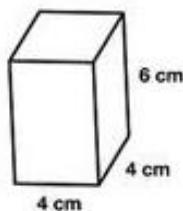
Volume = _____

g.



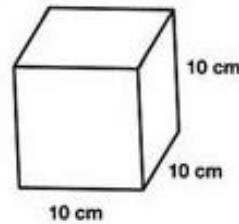
Volume = _____

h.



Volume = _____

i.



Volume = _____