



Identify

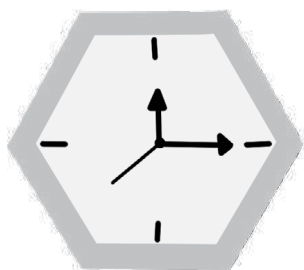


Identify the real life 2-D shapes which are associated with the given images and write their names below the images.

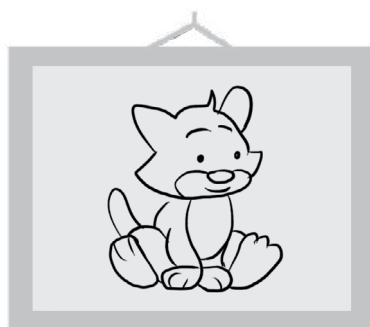
Help box:

Rectangle, Star, Triangle, Pentagon, Hexagon, Circle

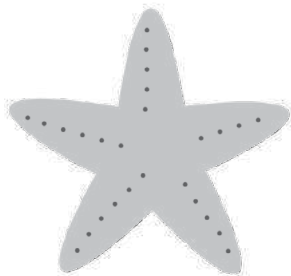
1.



4.



2.



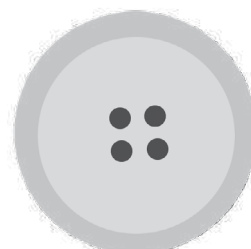
5.



3.



6.



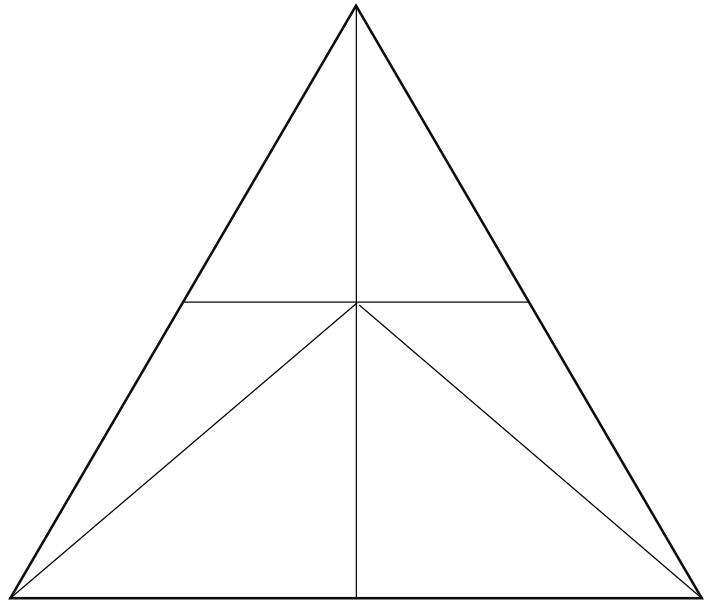


SOLVE THE PUZZLE

Find the correct answers for the puzzles given below.

- 1 Count the number of triangles in the given shape.

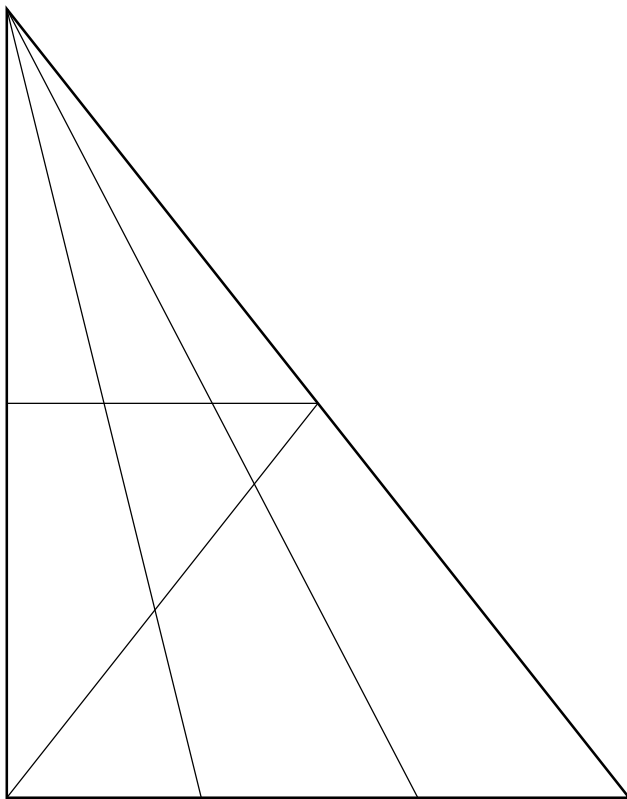
- a. 13
- b. 15
- c. 12
- d. 9



2

Count the number of triangles in the given shape.

- a. 24
- b. 18
- c. 21
- d. 16



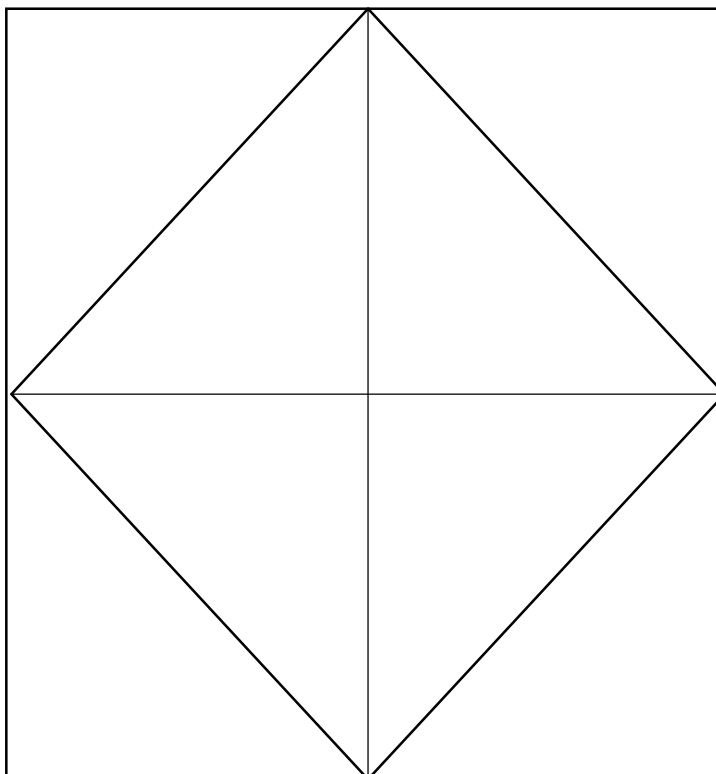


SOLVE THE PUZZLE

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- 1 Count the number of triangles in the given shape.

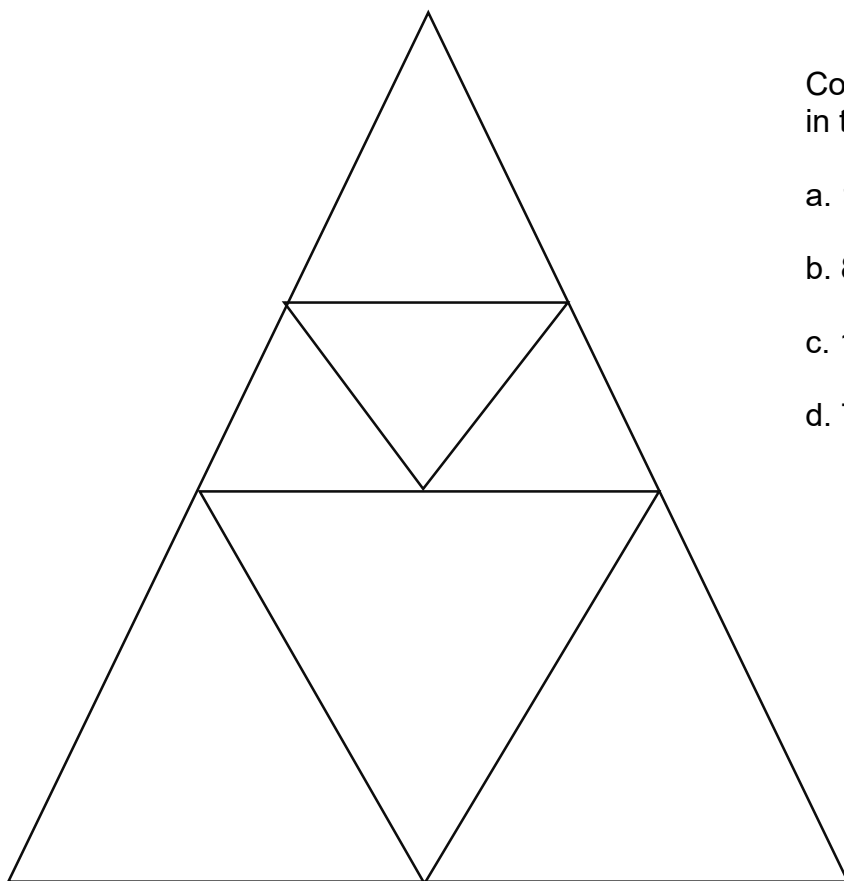
- a. 10
- b. 14
- c. 11
- d. 12



2

Count the number of triangles in the given shape.

- a. 10
- b. 8
- c. 12
- d. 7



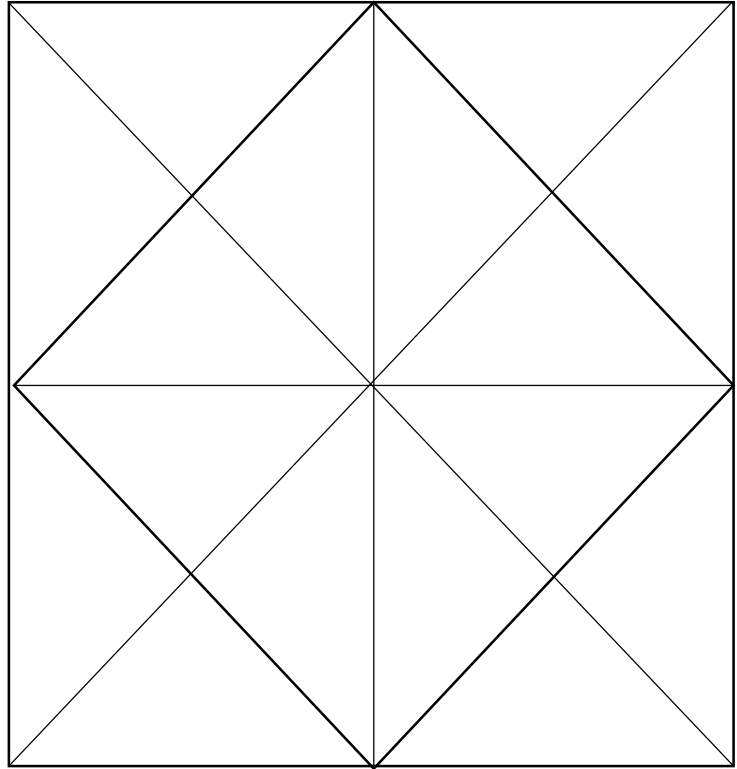


SOLVE THE PUZZLE

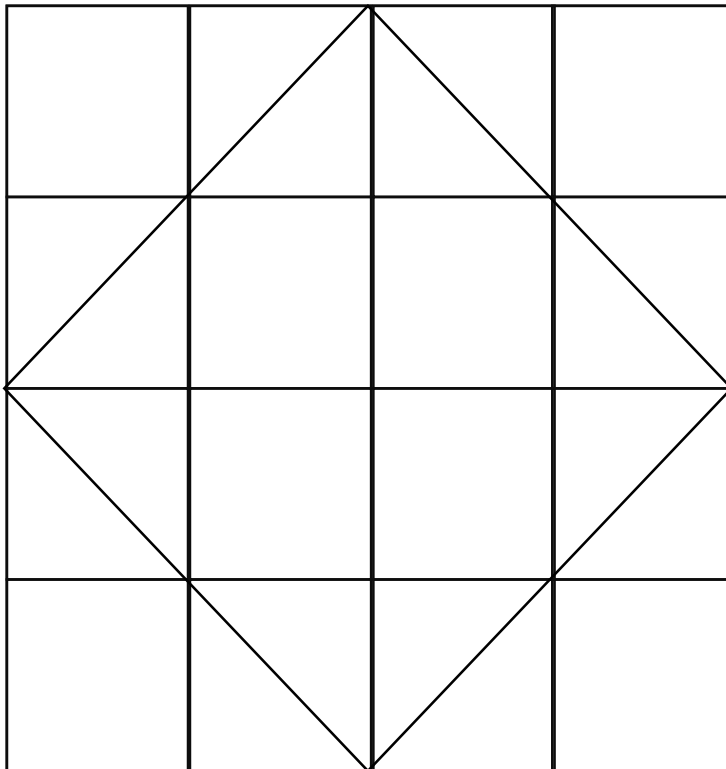
Find the correct answers for the puzzles given below.

- 1 Count the number of squares in the given shape.

- a. 14
- b. 10
- c. 8
- d. 12



2



Count the number of triangles in the given shape.

- a. 28
- b. 32
- c. 35
- d. 26

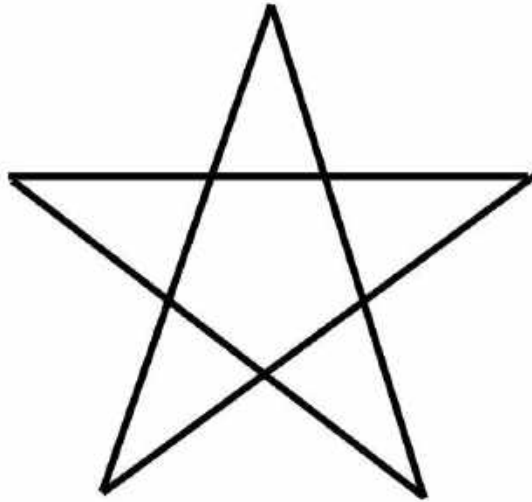


SOLVE THE PUZZLE

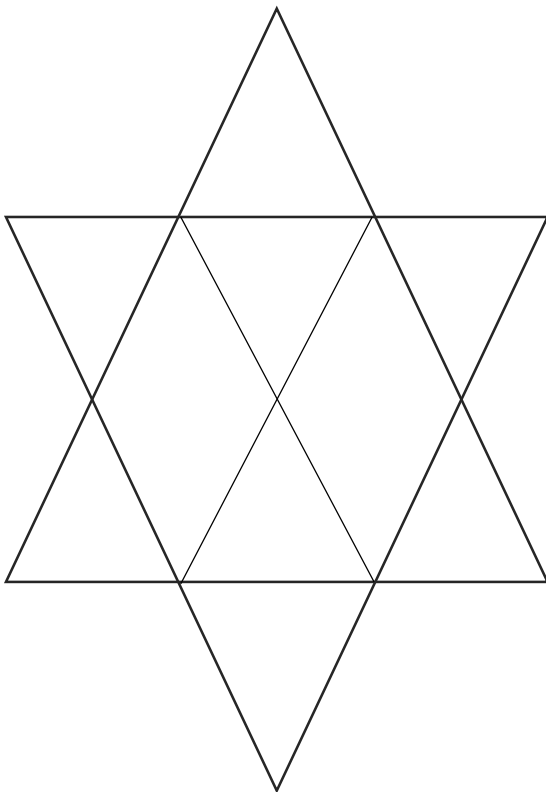
Find the correct answers for the puzzles given below.

- 1 Count the number of triangles in the given shape.

- a. 5
- b. 6
- c. 10
- d. 8



2



Count the number of triangles in the given shape.

- a. 15
- b. 12
- c. 11
- d. 13

Shapes: Drawing



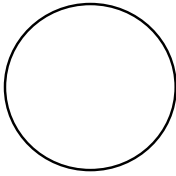
Use any 5 , 2D shapes and make a house

Shapes: Matching



Draw lines to match the 2D shapes to their correct name

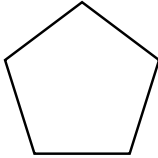
1)



a)

Square

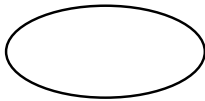
2)



b)

Oval

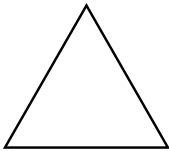
3)



c)

Circle

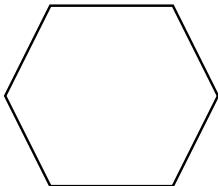
4)



d)

Pentagon

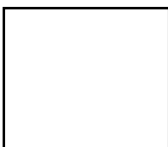
5)



e)

Triangle

6)



f)

Hexagon

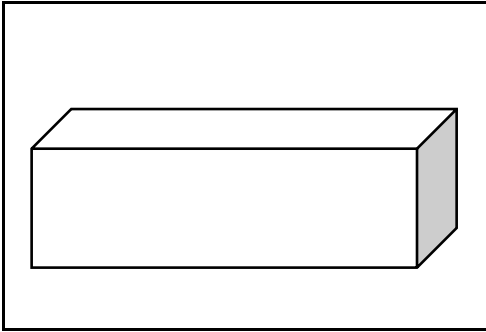
Answer Key: 1-c 2-d 3-b 4-e 5-f 6-a

M: Geometry - 3D shape



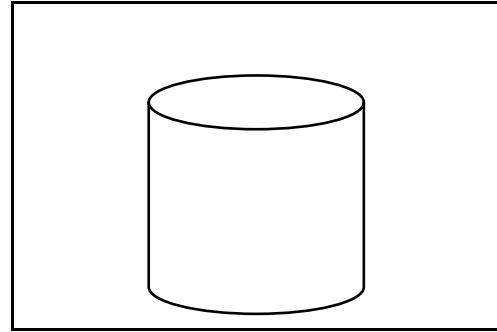
Do you know when we open 3D shapes, they have faces, vertices and edges as well?
Here are few common 3D shapes, recall their names and tell us what properties they possess?

a.



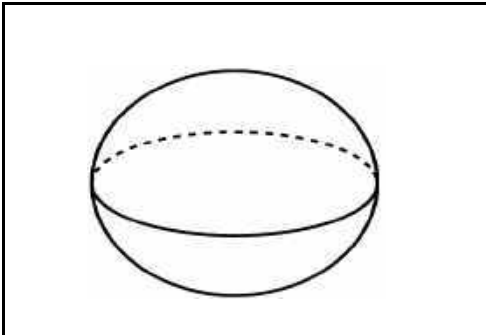
faces_____ edges_____
vertices_____

b.



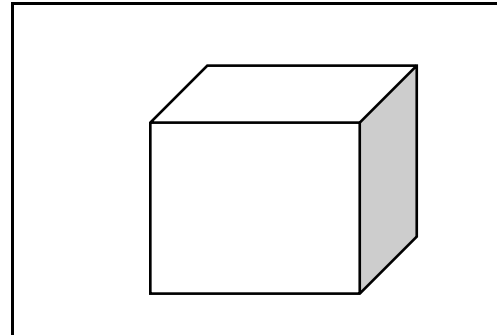
faces_____ edges_____
vertices_____

c.



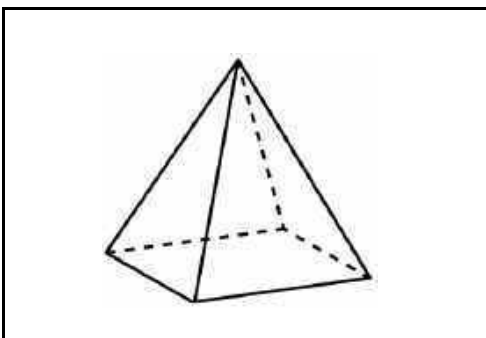
faces_____ edges_____
vertices_____

d.



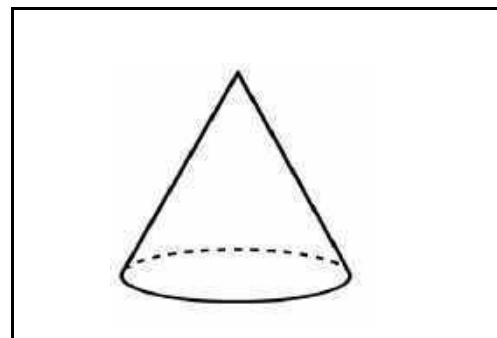
faces_____ edges_____
vertices_____

e.



faces_____ edges_____
vertices_____

f.



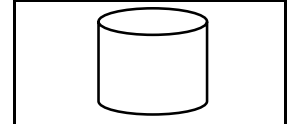
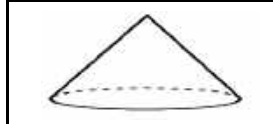
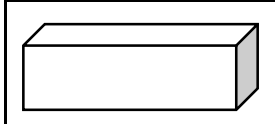
faces_____ edges_____
vertices_____

Answer Key: a. F-6 E-12 V-8 b. F-3 E-2 V-0 c. F-1 E-0 V-0 d. F-6 E-12 V-8 e. F-5 E-2 V-6 f. F-2 E-1 V-1

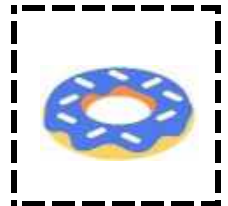
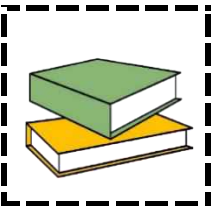
M: Geometry - Shape building



The shapes in geometry make up a lot of things in real life. Few things that we come across in real life are given below. Cut them along the dotted line and paste them in the columns where they resemble the geometrical shape.



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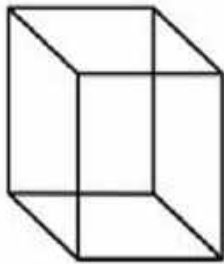
Answer Key: Cuboid-books, oven, phone Cone-birthday hat, ice cream cones, x-mas tree cylinder-coke, batteries oxygen cylinder

Shapes: 3D shapes



Write face, edges and vertices of given 3D shapes.

1)



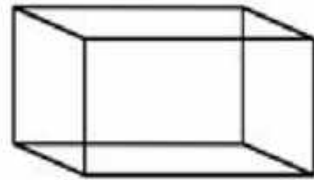
CUBE

Faces _____

Edges _____

Vertices _____

2)



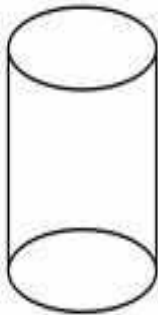
Rectangular prism

Faces _____

Edges _____

Vertices _____

3)



Cylinder

Faces _____

Edges _____

Vertices _____

4)



Cone

Faces _____

Edges _____

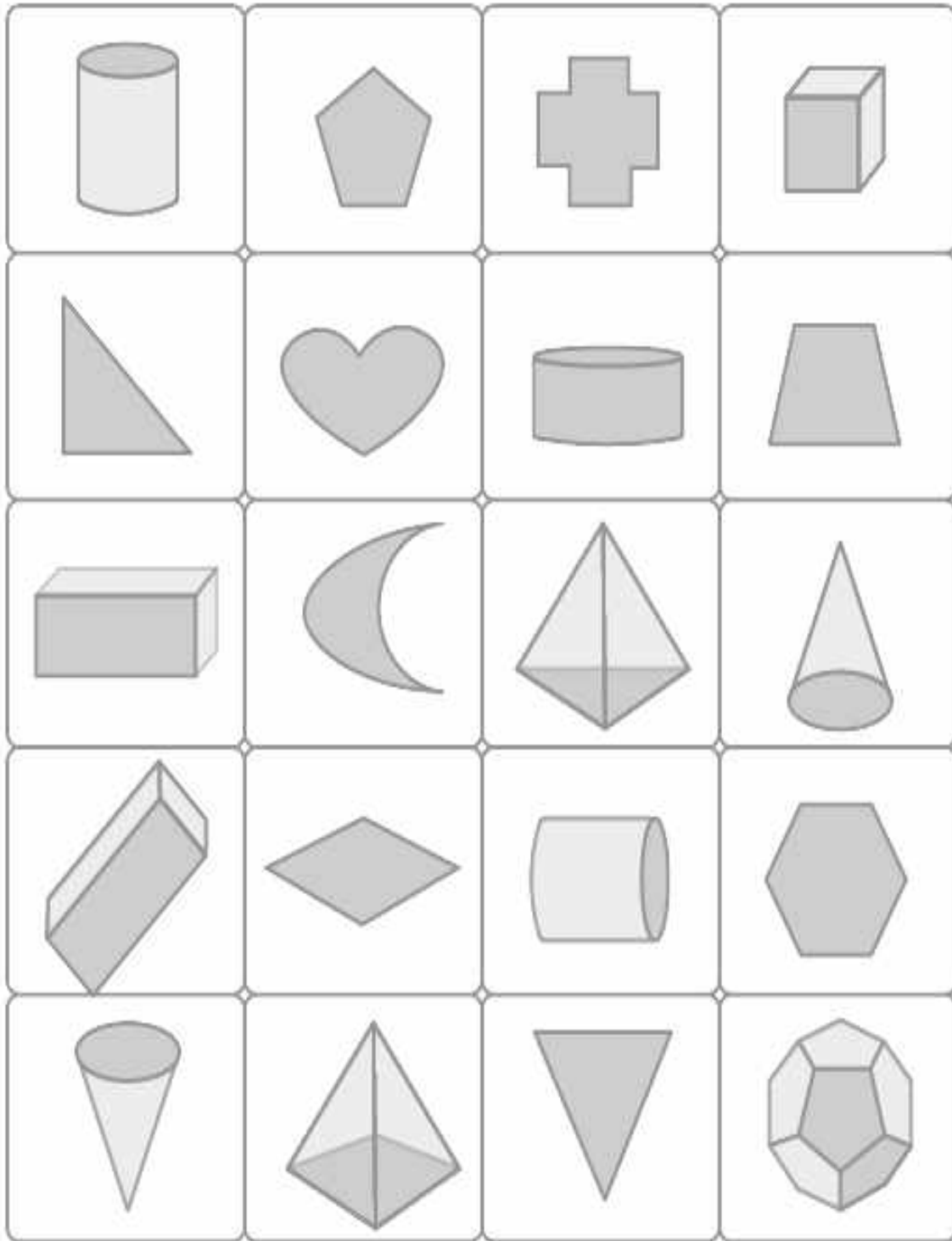
Vertices _____

Answer Key: 1) 6, 12, 8 2) 6, 12, 8 3) 3, 2, 0 4) 2, 1, 1

Shapes: Finding 3D shapes



Find the 3D shapes and circle it.



E: Construction - Shapes everywhere



- 1) Highlight the basic geometrical shapes used in the following structures and write their names in the given blanks.



a) _____

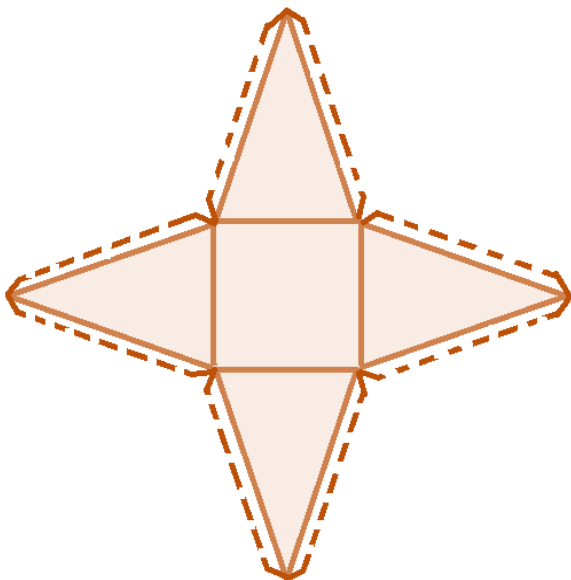


b) _____

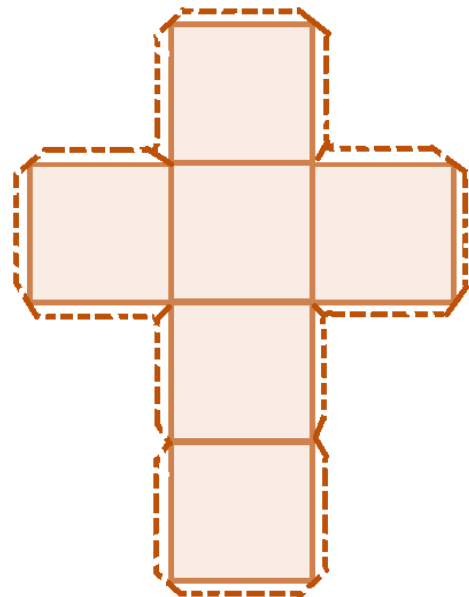
- 2) Cut the following shapes along the black dotted line and fold them along the red lines and glue them to get a) a pyramid and b) a cube. Now press down these two shapes. Which one is stronger?

Ans. _____ is stronger than _____.

a)



b)

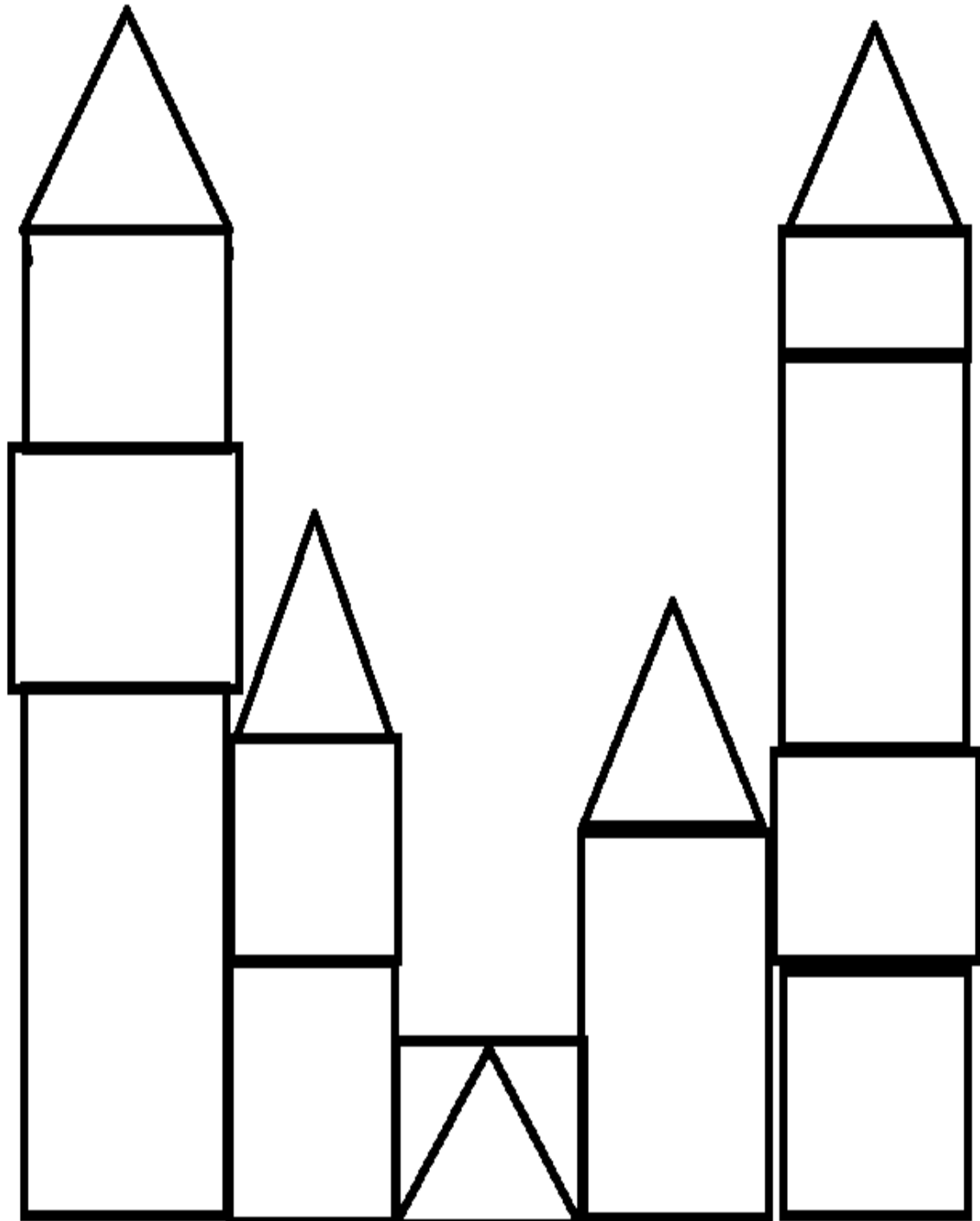


Answer Key: 1a) semicircle, triangle; 1b) circle, square, semicircle;
 2) Pyramid is stronger than cube

Collage Making : Shape Architecture



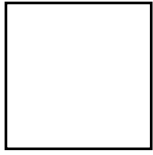
This is a beautiful castle. Cut only triangles from different coloured papers and stick them within the outlines to make a colourful castle.



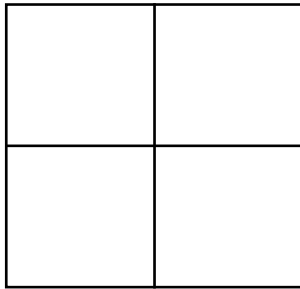
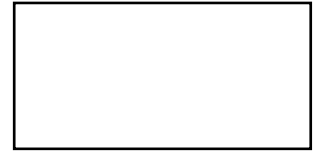


SHAPES IN A SHAPE

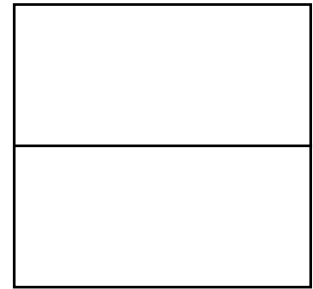
Directions : Count the numbers of squares in each shape !



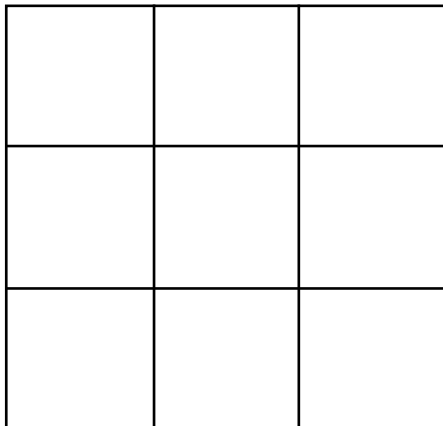
1X1



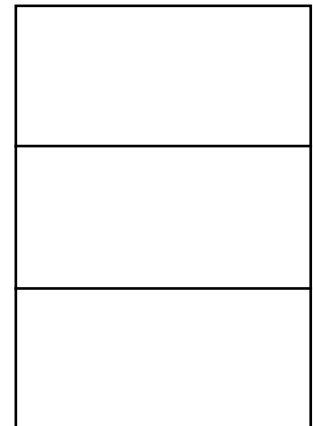
1X1



2X2

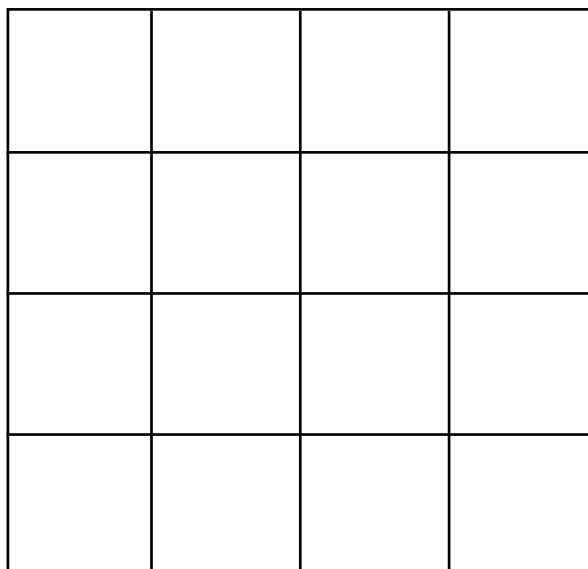


1X1



2X2

3X3



1X1



2X2

3X3

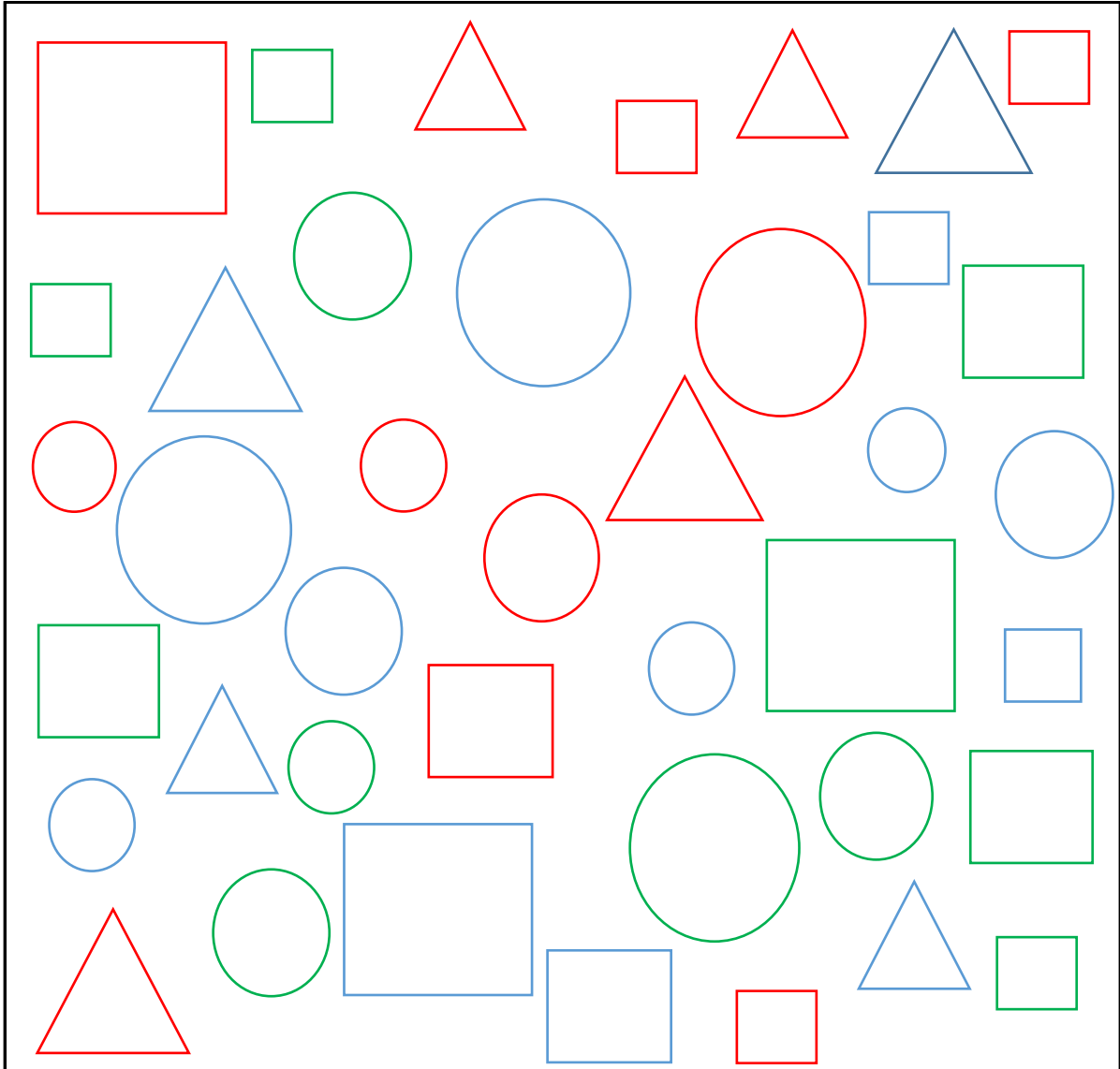
4X4



SORT THE OBJECTS AND COUNT THEM

Directions:

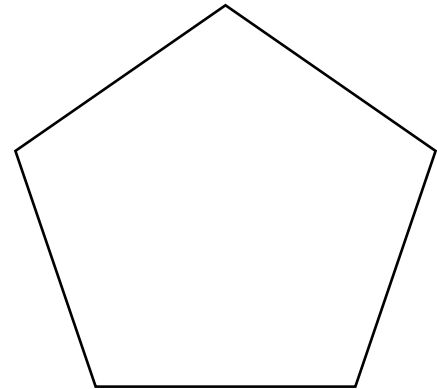
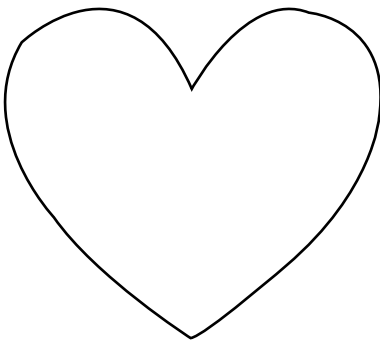
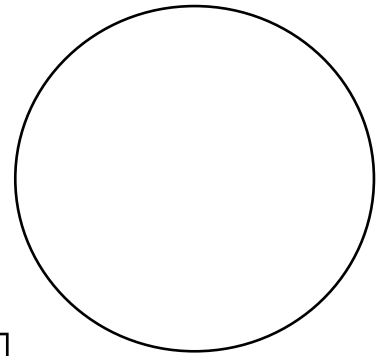
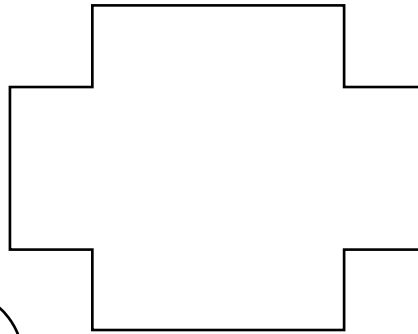
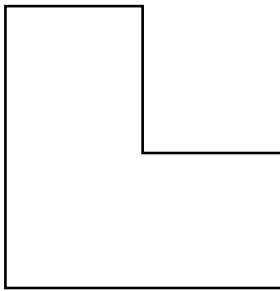
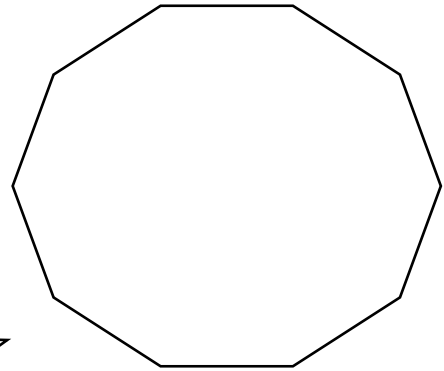
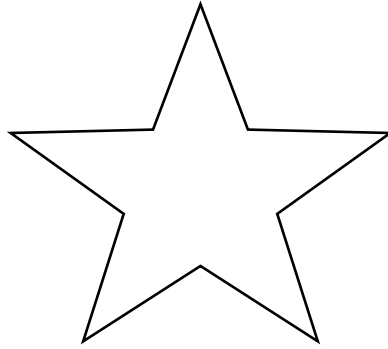
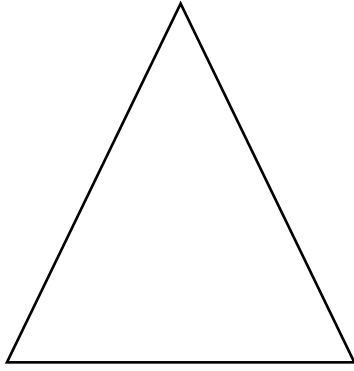
1. Cut the following shapes.
2. Sort these shapes & answer the questions.



1. What is the total number of squares ? _____
2. How many more green squares are there than red squares ? _____
3. Which shape has the largest number of shapes ? _____
4. How many more big blue circles are there than big red circles ? _____
5. How many more red triangles than blue triangles ? _____
6. Which are there more of- small red squares or small red circles ? _____
7. Which are there more of-medium green squares or big blue triangles ? _____
8. Total number of blue shapes are . _____
9. Total number of medium size shapes are . _____
10. Which color is the least represented through the shapes . _____



CLUES & COLORS

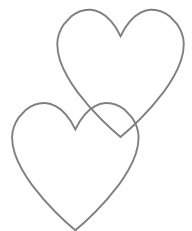
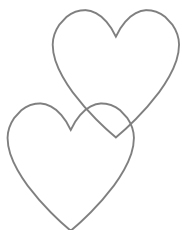
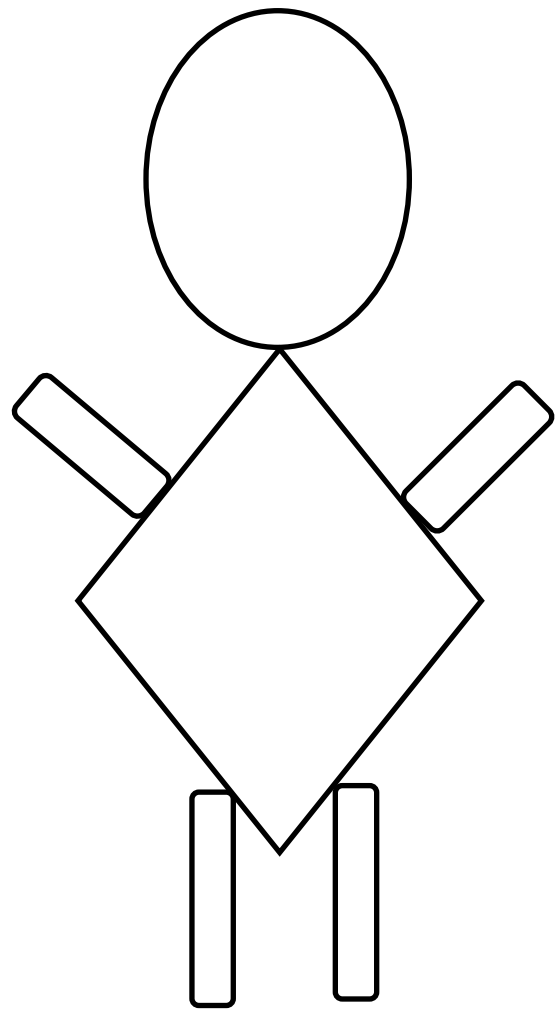
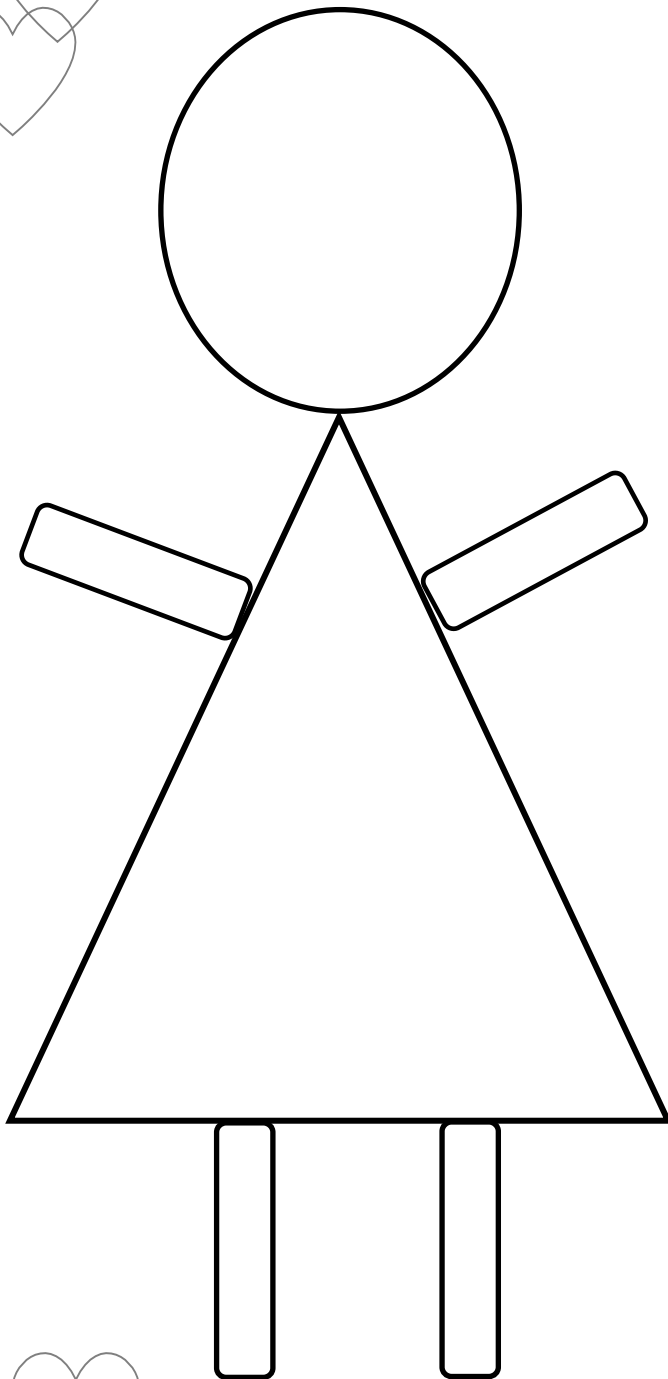
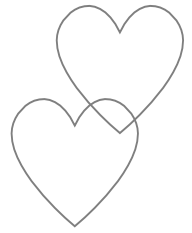
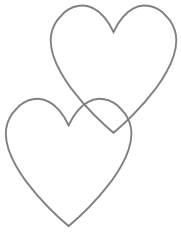


- 1 Color BLUE, in the shape that has the least number of sides.
- 2 Color RED, in the shape that has the most sides.
- 3 Which shapes has equal sides? Draw a line to match.
- 4 Color YELLOW, in the shape that has no straight line and can be drawn by the hand easily.
- 5 Color GREEN, in the shape that has no sides and corners.
- 6 Color PURPLE, in the shape that is made up of 1 square and 4 rectangles.
- 7 Color ORANGE, in the shape that has lost its piece.
- 8 Color PINK, in the shape that is made up of 3 triangles.

Portrait



Draw a portrait of you and your mother.

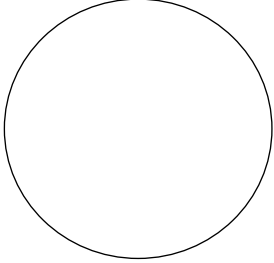
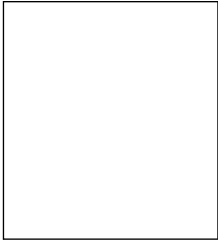
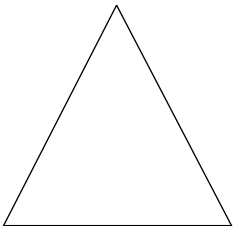

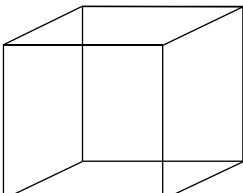




Identify and write



Identify the shape and write down the name of a real-life object with the same shape.

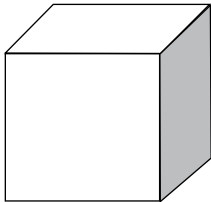
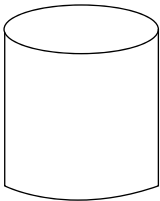
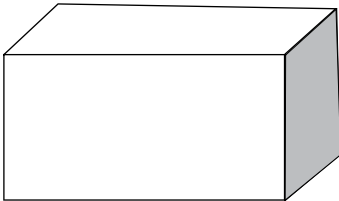
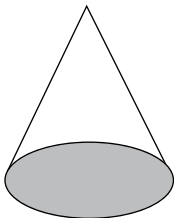
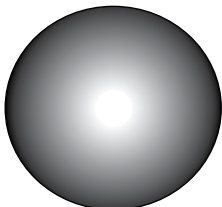
Shape		Name		Related real-life object
	=	<input type="text"/>	=	<input type="text"/>
	=	<input type="text"/>	=	<input type="text"/>
	=	<input type="text"/>	=	<input type="text"/>
	=	<input type="text"/>	=	<input type="text"/>
	=	<input type="text"/>	=	<input type="text"/>



Observe and write



Observe the 3D shapes and fill in the blanks.


a.		This 3D shape is a _____. It has _____ faces.
b.		This 3D shape is a _____. It has _____ faces.
c.		This 3D shape is a _____. It has _____ faces.
d.		This 3D shape is a _____. It has _____ faces.
e.		This 3D shape is a _____. It has _____ faces.



Identify and name

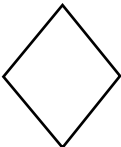


Name the different shapes.

1.  This is a _____

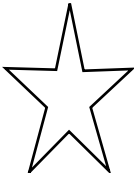
2.  This is a _____

3.  This is a _____

4.  This is a _____

5.  This is a _____

6.  This is a _____

7.  This is a _____



Draw and color



Draw different types of shapes and color them.



Fill and complete



From the shapes drawn in the previous activity, fill in the given grid below.

Name of shape	No. of sides	Example of things in the given shape



Art room scavenger hunt



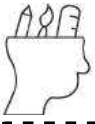
Look around and draw something you see in your room as per the shapes given below.
You can also colour them.

1. Square

3. Rectangle

2. Circle

4. Triangle

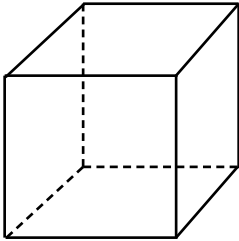


Draw a circle

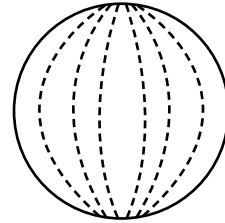


Draw a small circle around each vortex of the 3 dimensional shapes below.

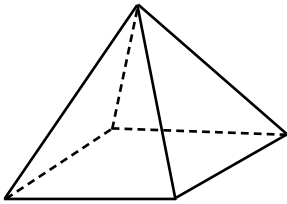
1.



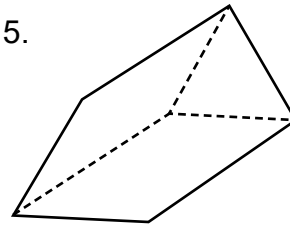
4.



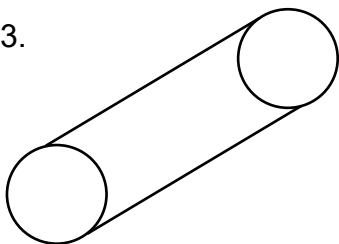
2.



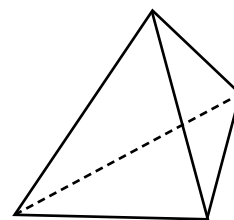
5.

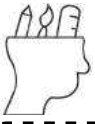


3.



6.



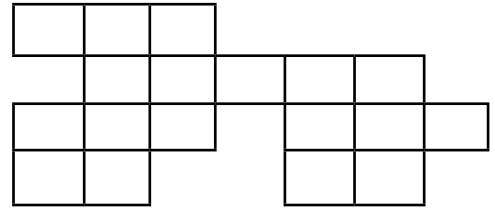
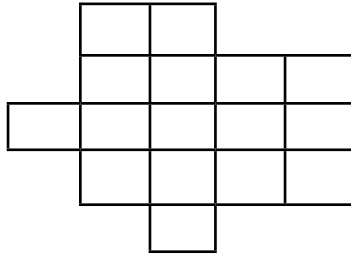
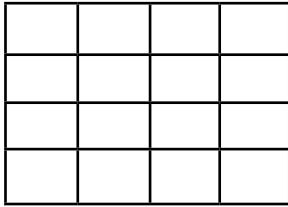


Write and circle

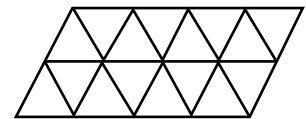
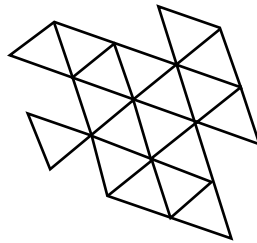
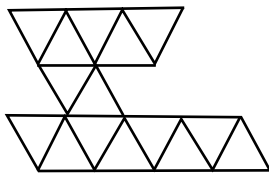


Write how many units of shapes are present in each of the figures given then circle the shapes with the most units.

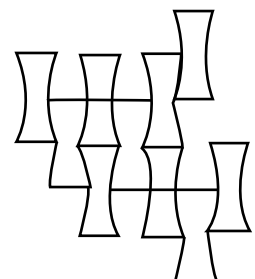
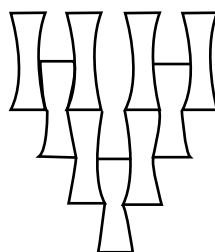
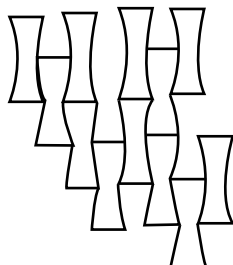
1.



2.



3.



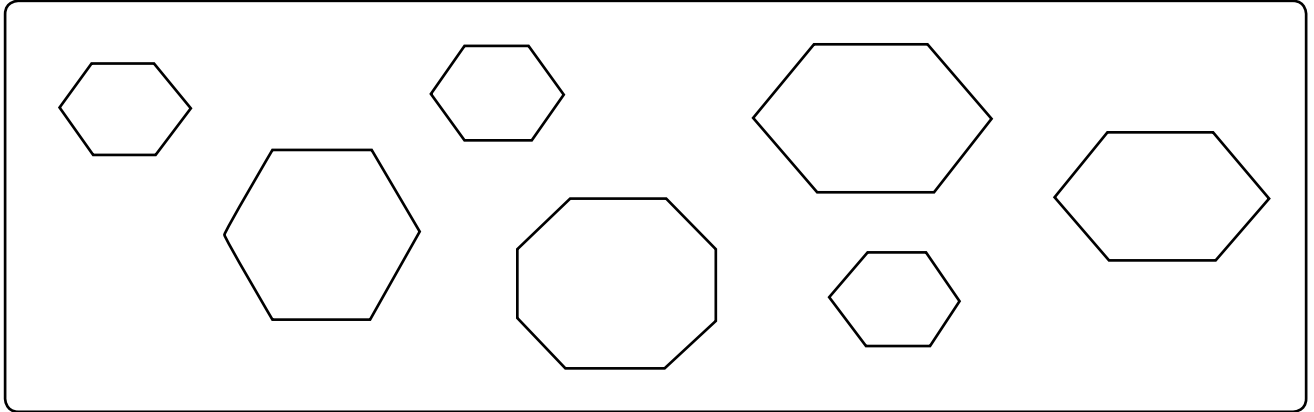


Circle it!

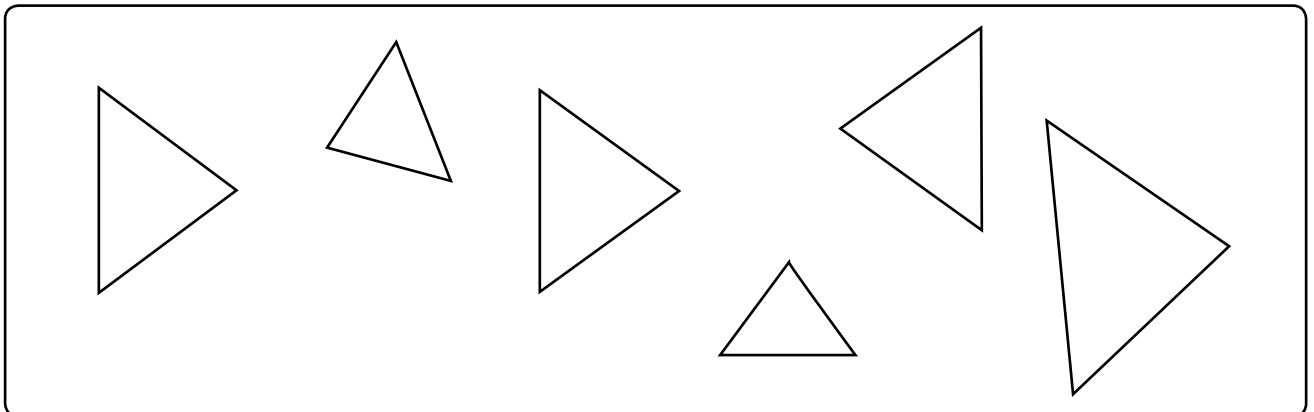


Circle the congruent figures in each of the following boxes.

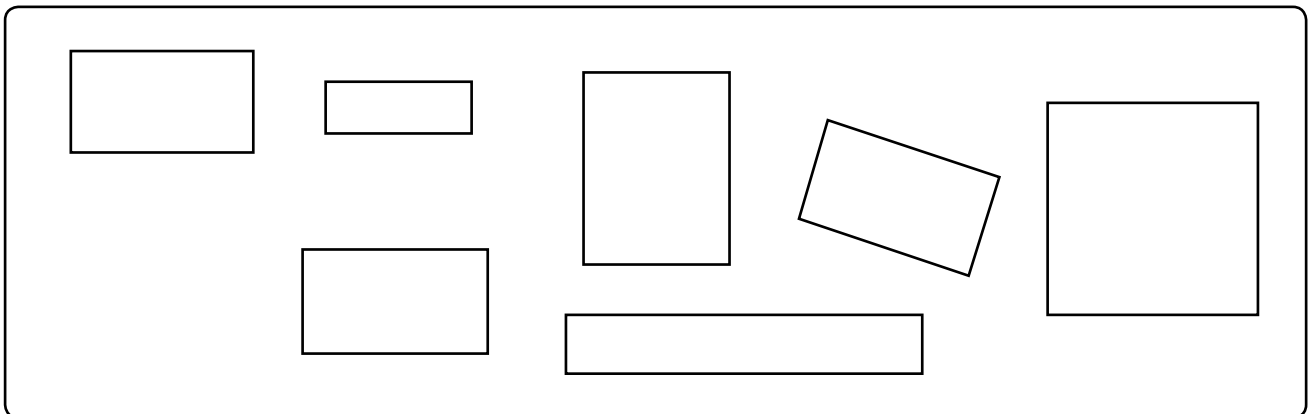
1.



2.



3.

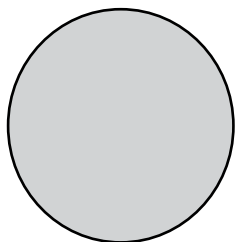




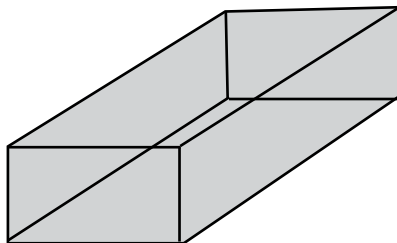
Answer it!



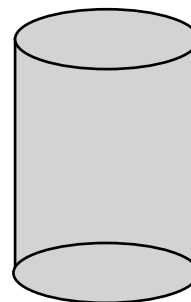
Look at the shapes given below and answer the questions below.



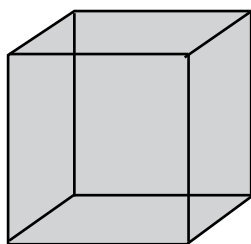
sphere



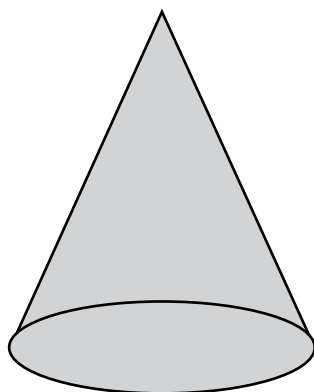
prism



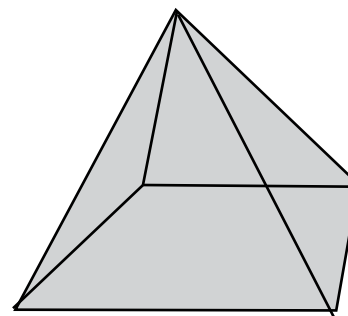
cylinder



cube



cone



pyramid

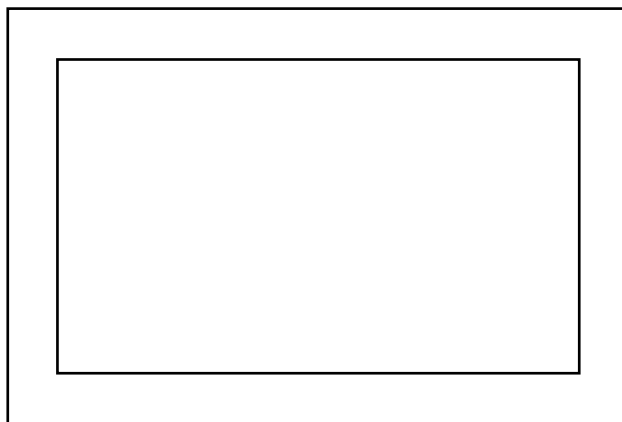
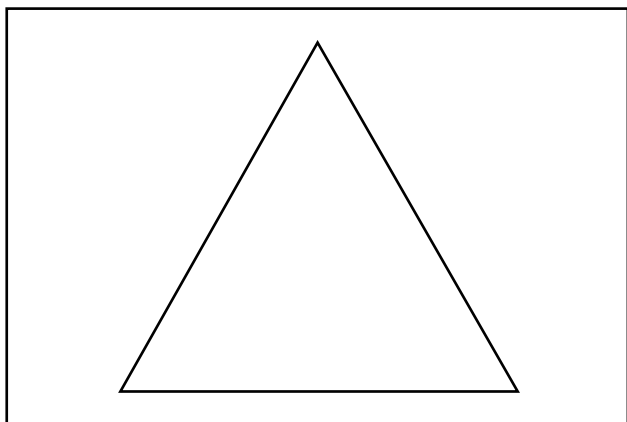
Shape	How many curved surfaces?	How many flat surfaces?
Sphere		
Cube		
Prism		
Cone		
Cylinder		
Pyramid		



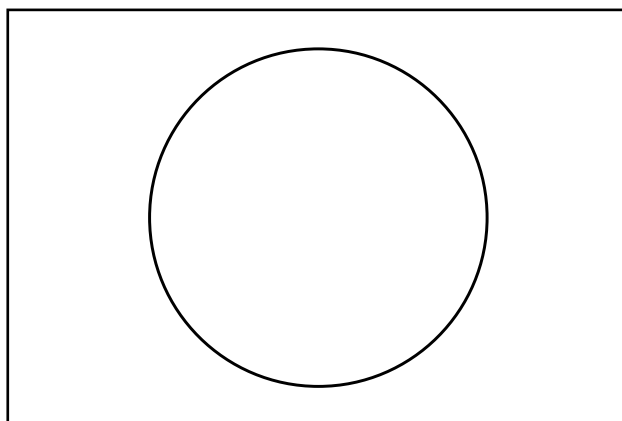
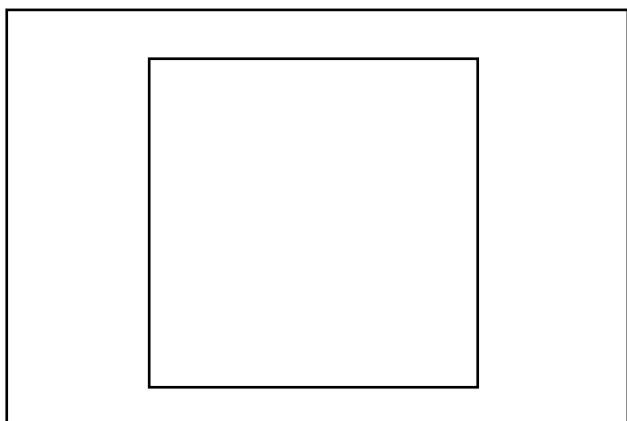
Make shapes



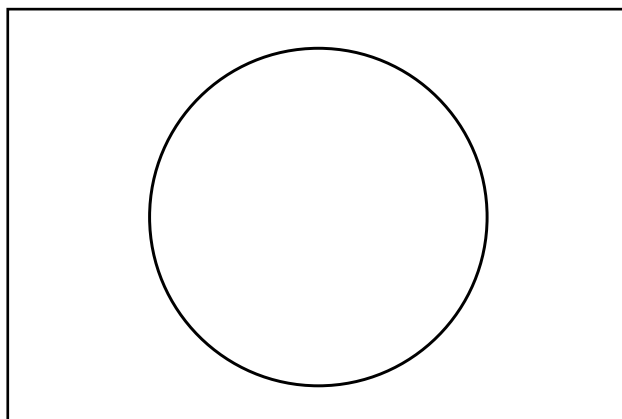
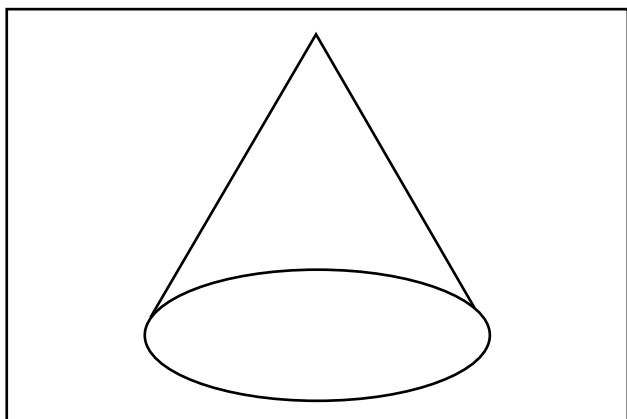
A. Make square shapes inside the given boxes using tooth picks and ear buds.



B. Make rectangle shapes inside the given boxes using tooth picks and ear buds.



C. Make triangle shapes inside the given boxes using tooth picks and ear buds.

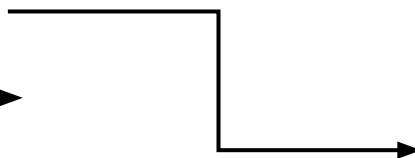
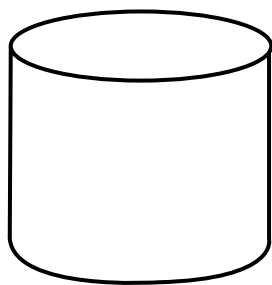
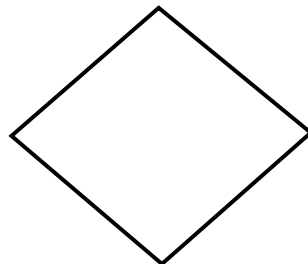
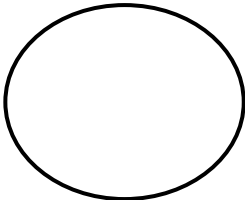
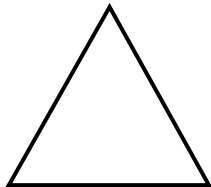
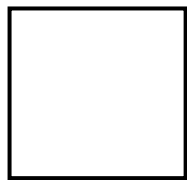




Drawing by shapes



A. Observe the given shapes and use the space given below to draw a composite picture using these shapes.

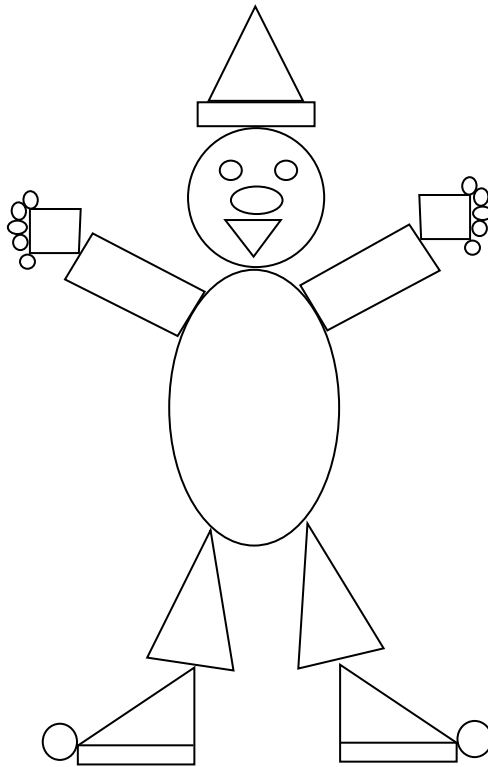




Drawing by shapes



Observe the shapes used in the below given drawing and copy the same in the given space.



Large empty rectangular box for copying the drawing.

Geometry : Identifying



Identify as line, line segment, point or ray.

1)



2)



3)



4)



5)



6)

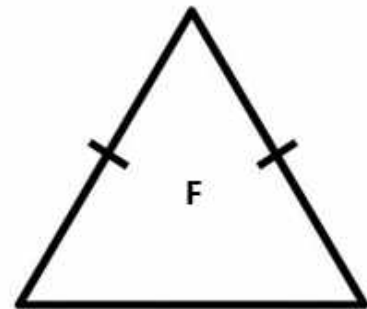
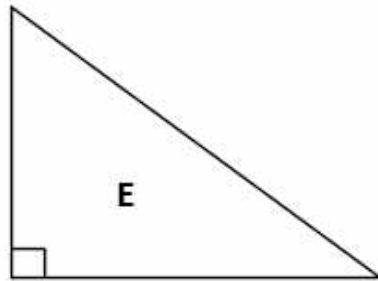
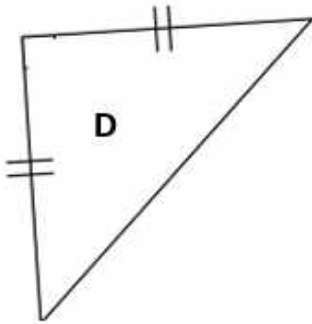
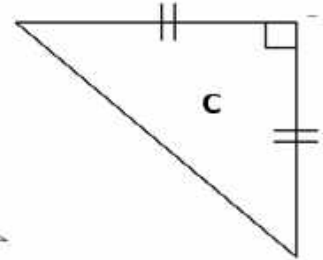
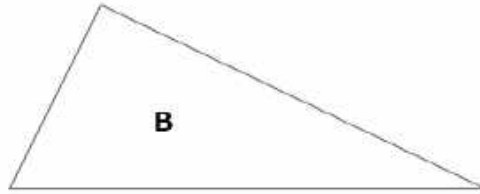
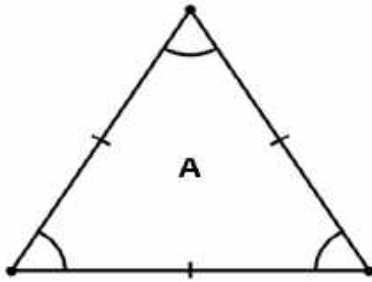


Answer Key: 1) line segment 2) line 3) point 4) ray 5) line segment 6) line

Geometry: Triangles



Fill in the blanks



- 1) Triangle _____ is an equilateral triangle.
- 2) Triangles _____ and _____ are right - angled triangle.
- 3) Triangles _____, _____ and _____ are isosceles triangles.
- 4) Triangle C has _____ equal sides.
- 5) All the sides of triangle A are _____

Answer Key: 1) A 2) C, E 3) C, F, D 4) 2 5) equal