



6–7 YEARS | WEEK 01

“Age-appropriate, progressive learning worksheets help build foundational skills for your child”

Dear parents,

With **HP Print Learn Center**, you get access to worksheet-based learning modules that come with guided video tutorials helping children master fundamental concepts through our Learn Apply Resolve framework.

Our scientifically designed worksheets feature a weekly curriculum with paper-pencil based practice that help build a routine around off-screen learning, and focus on these guiding principles:

- Experiential learning
- Sensory and perceptual development
- Cognitive development
- Critical thinking
- Algorithmic thinking
- Development of creative and aesthetic appreciation
- Representing objects, concepts, ideas in the form of drawing, patterns, and coloring

Our age-appropriate, progressive learning worksheets help your child thrive in all the following skills required to ensure a strong foundation for future success:

- Expression
- Listening
- Literacy creativity
- Numeracy
- General awareness
- Observation
- Comparison
- Social skills
- Critical thinking
- Writing & speaking
- High order thinking
- Imagination
- Aesthetics
- Etiquette
- Self-awareness
- Self-management
- Coloring
- Drawing
- Language skills
- Scientific curiosity

Swati PVats

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President

Early Childhood Association

Association for Primary Education and Research

Our full curriculum spans 52 weeks of structured learning. Your free trial subscription gives you access to 2 weeks of content and 1 video tutorial with 50 practice worksheets. The following table lists the activities included in this week's curriculum. You can visit www.printlearncenter.com at any time to update your subscription plan. We hope your child will enjoy these activities!

• Understanding shapes - Quiz	• Geometry - 3D Shapes
• Objects & shapes - Match	• Geometry - Shapes
• Design a robot using shapes	• Solve the puzzle
• Make a robot using objects at home	• Edges & surfaces
• Construction - Strongest shape	• Shapes - Identify & draw
• Geometry - Board game	• Identify shapes - Square
• Geometry - Draw reflections	• Draw - Lines



Choose and circle



Circle the correct option.

1. I have four corners and all my sides are equal.
 - a. circle
 - b. square
 - c. triangle

2. I have no sides, no corners but have one face. I resemble the shape of an egg.
 - a. circle
 - b. oval
 - c. square

3. I am made up of 1 curved line.
 - a. circle
 - b. square
 - c. cube

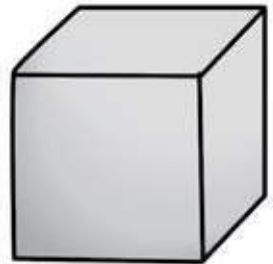
4. I am made up of three straight lines only.
 - a. rectangle
 - b. triangle
 - c. circle



Objects and shapes



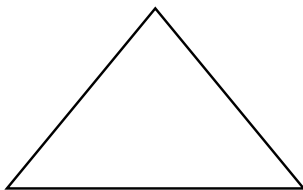
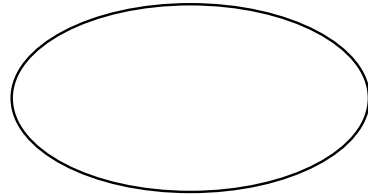
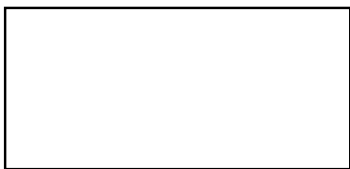
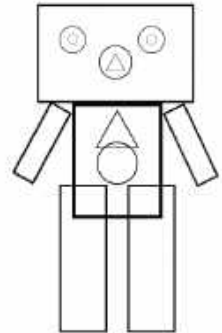
Match the following objects with their shapes.



E: Robotics - Design a Robot



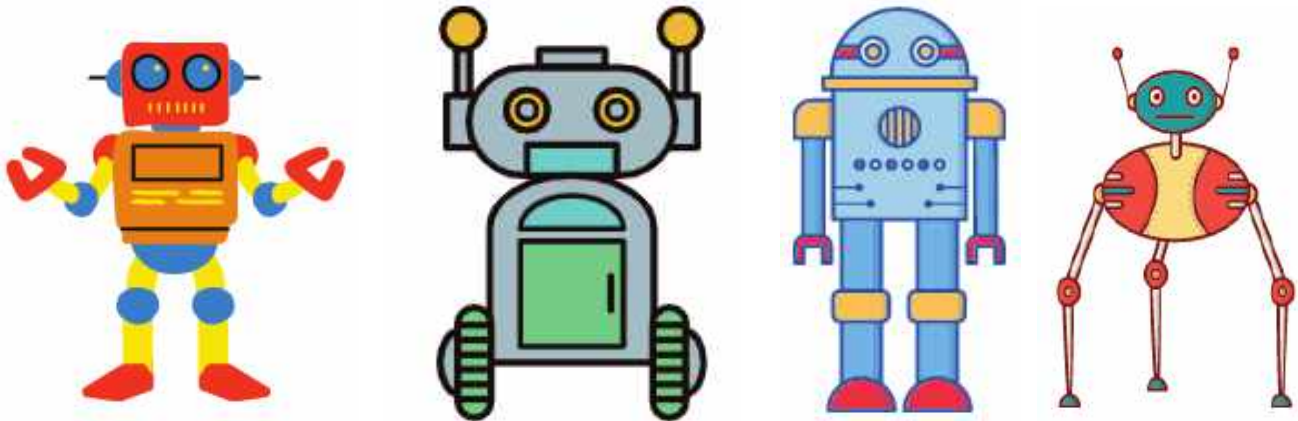
Do you like robots? The first robot for use in the industry was invented in 1954 by George Devol. Draw a robot, using the shapes given below in the box. Use the given picture as a reference, you can draw yours in the space given below.



E: Robotics - Make a recycled robot



Do you like robots? Come, let us make a robot using reusable objects in your home. For this, you can use some cardboard, glues, tins, bottles etc. You can decorate your robots using paint, paint sticks, paper, washi tape, bottle caps, etc. You can take a reference from this robot image.



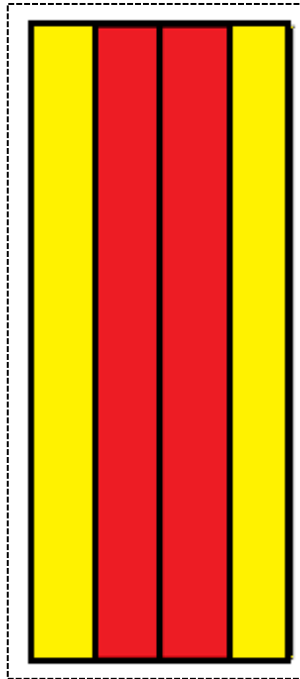
Write down the list of materials you will use to make your robot

E: Construction - Strongest shape

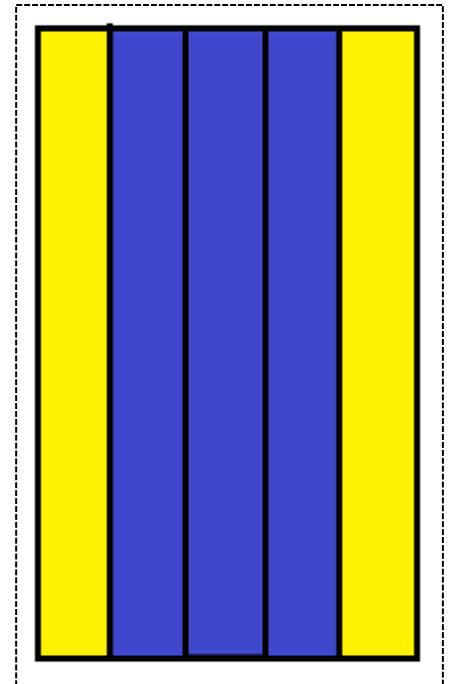


All the figures are to be cut from this sheet only.

- Q1 Cut the figures alongside. Fold along the black lines and paste the two yellow edges together. You have two pillars. Check which one is more stable by keeping some books on these pillars.



(a)



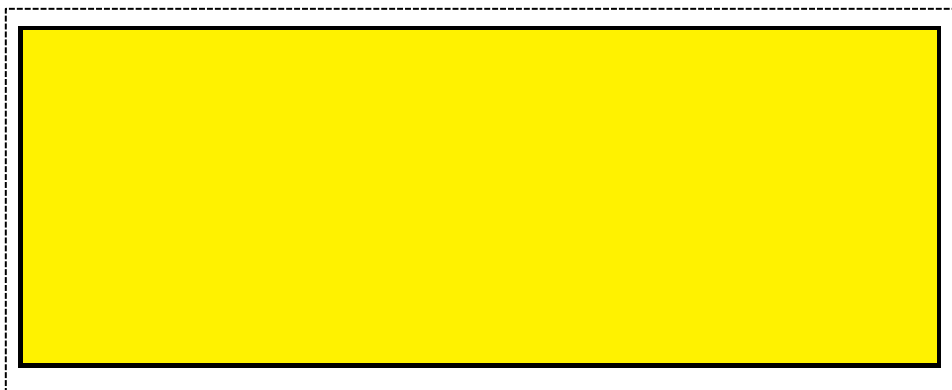
(b)

- Q2 Look at the bottoms of the pillars of Q1. What is the shape of the bottoms of these pillars?

Pillar a _____

Pillar b _____

- Q3 Cut the below rectangle and make a pillar whose bottom is a circle.

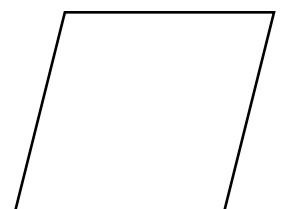
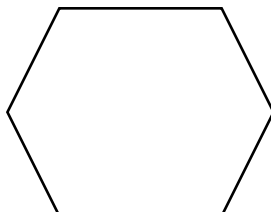
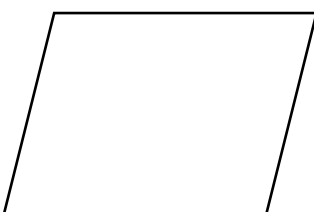
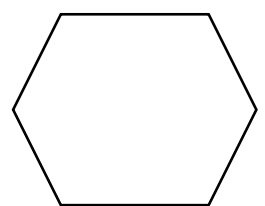
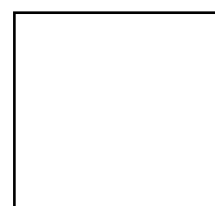
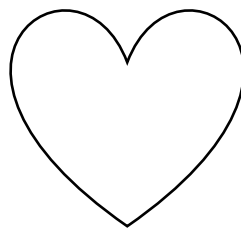
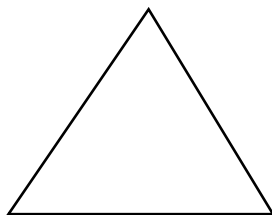
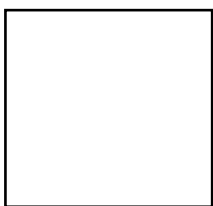
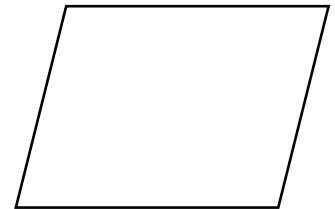
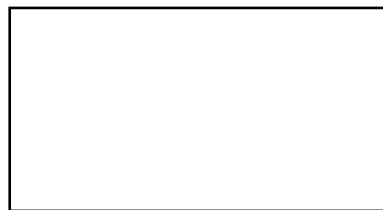
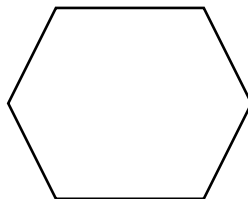
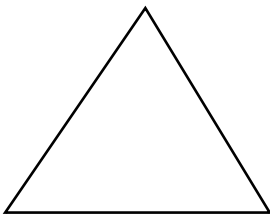
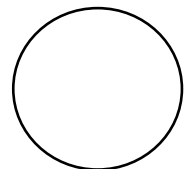
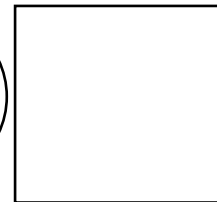
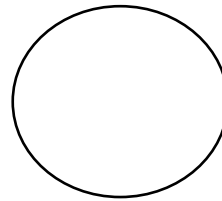
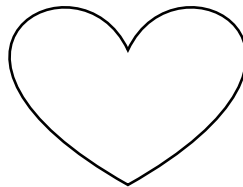
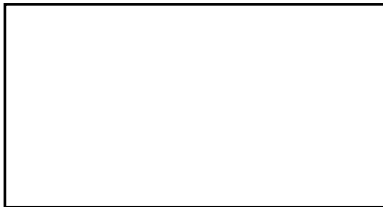
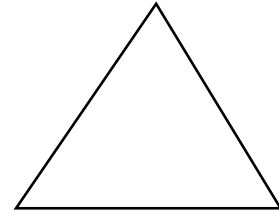
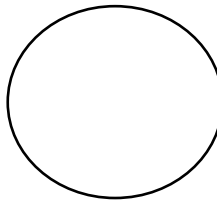
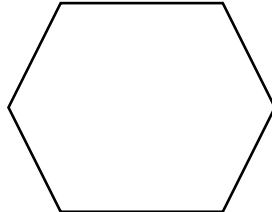
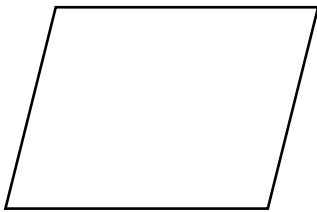
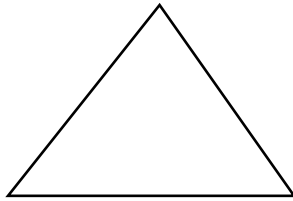
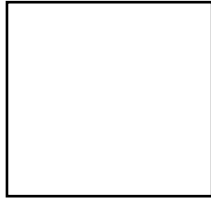
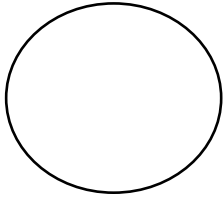


Answer Key: Q1 - pillar a is more stable than pillar b, Q2 - Pillar a - triangle, Pillar b - square, Q3 - cylindrical pillar

M: Geometry - Board game



Let us play a game called four in a row. Each of you should use two different colours. Take turns to call out the name of the picture. If you identify it correctly, then colour it. Whoever gets four in a row wins. Let us begin.

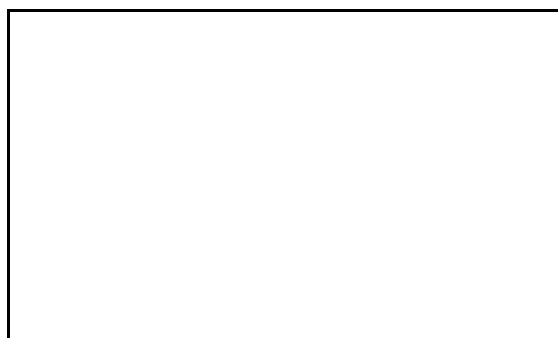
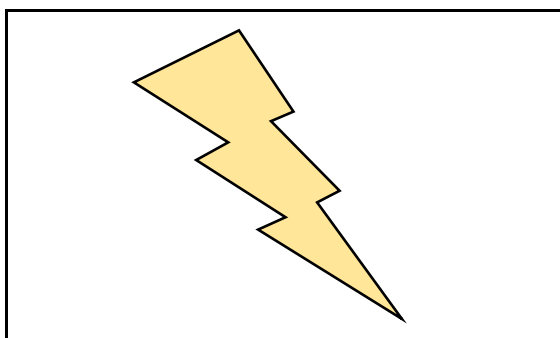
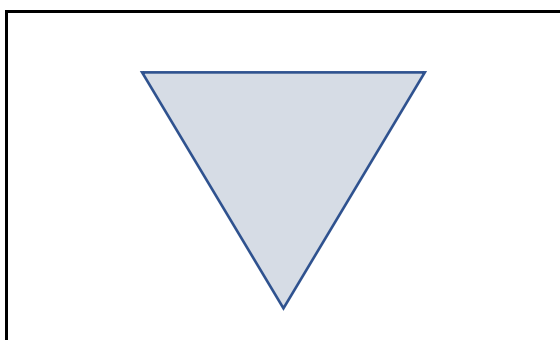
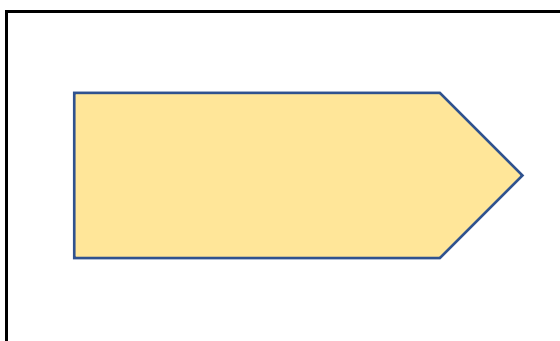
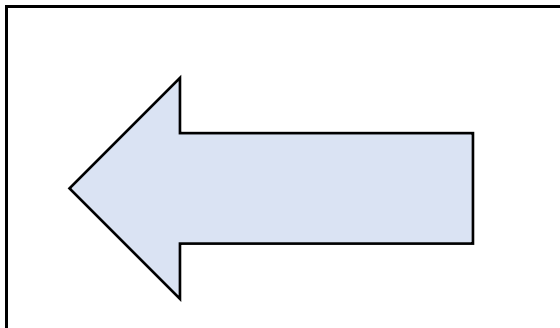


Answer Key: Circle square triangle rectangle quadrilateral pentagon

Geometry: Draw reflections



Do you know what reflections are? Reflection are mirror images. Below you will create reflections of shapes. It is fun to draw them. Here are few images draw their reflections in the space provided below and colour the same.

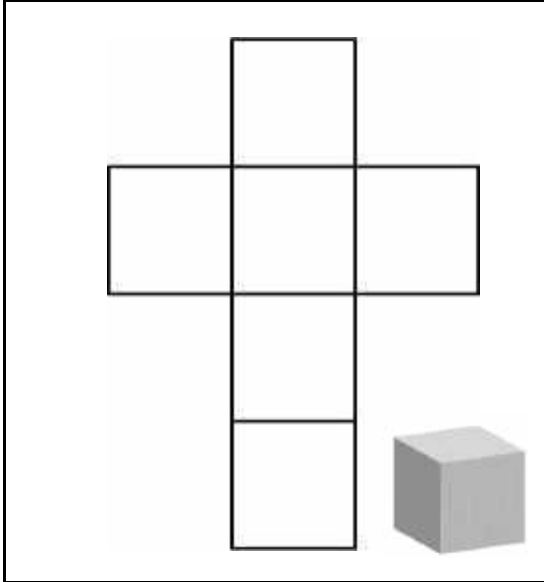


M: Geometry - 3D shapes

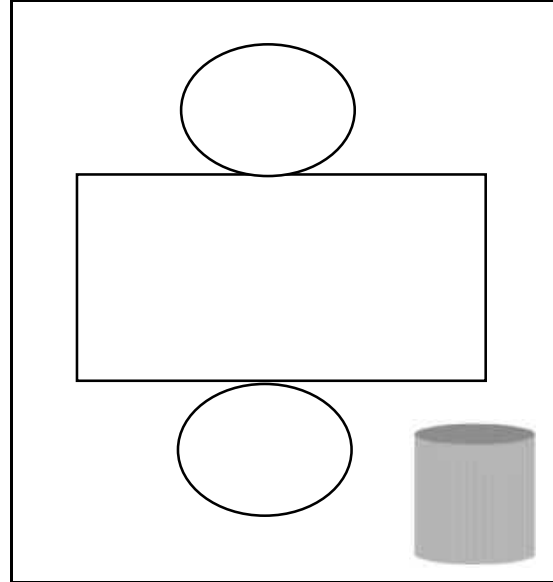


Do you know what we get if we open a 3D shape? We get a flat pattern that can be cut, folded and glued to make a solid shape. They are called "nets". Can you guess the name of each shape formed by these nets?

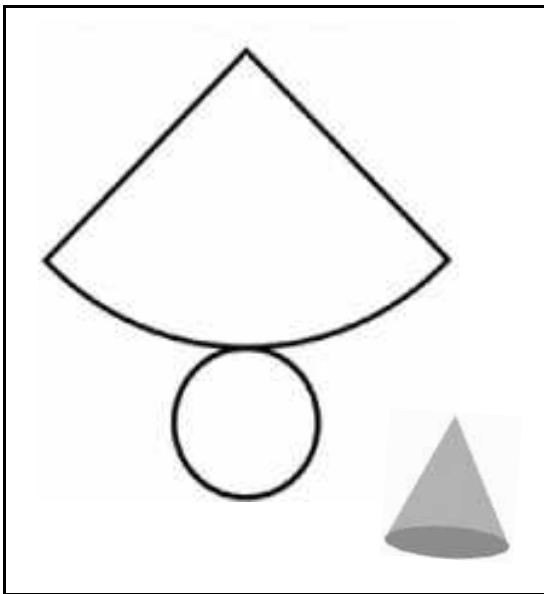
a.



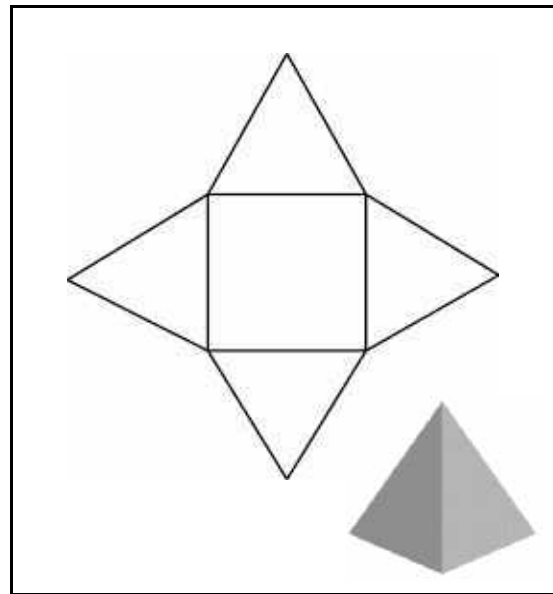
b.



c.



d.

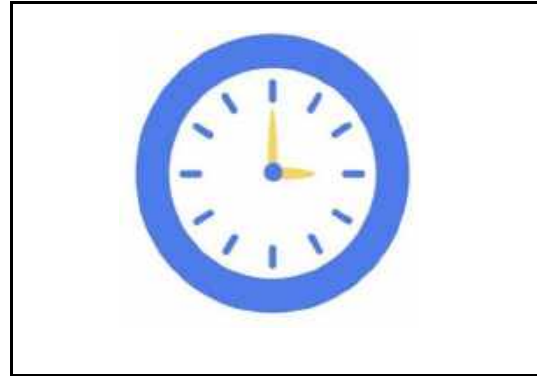
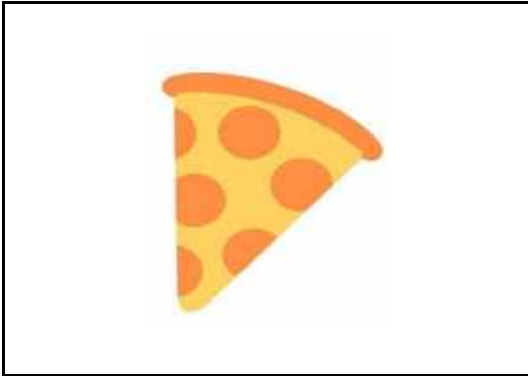


Answer key: cube cylinder cone pyramid

M: Geometry - Shapes



Shapes that we learn in geometry are commonly used in real life. Here are few shapes. Can you guess which geometric shape they resemble?



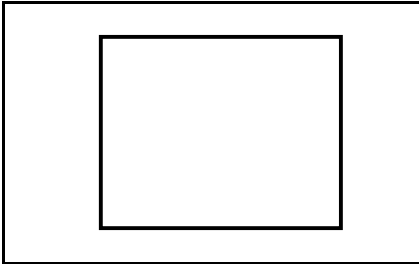
Answer Key: triangle circle square cube sphere circle

M: Geometry - Shapes

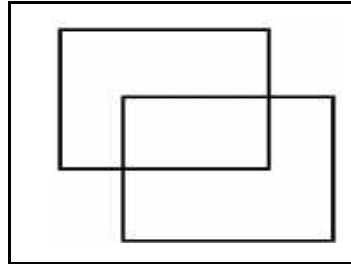


Hey folks, let us learn to make a 3D shape today. Here are few steps to create a cube and tell us how many faces it has by colouring the cube using different colours.

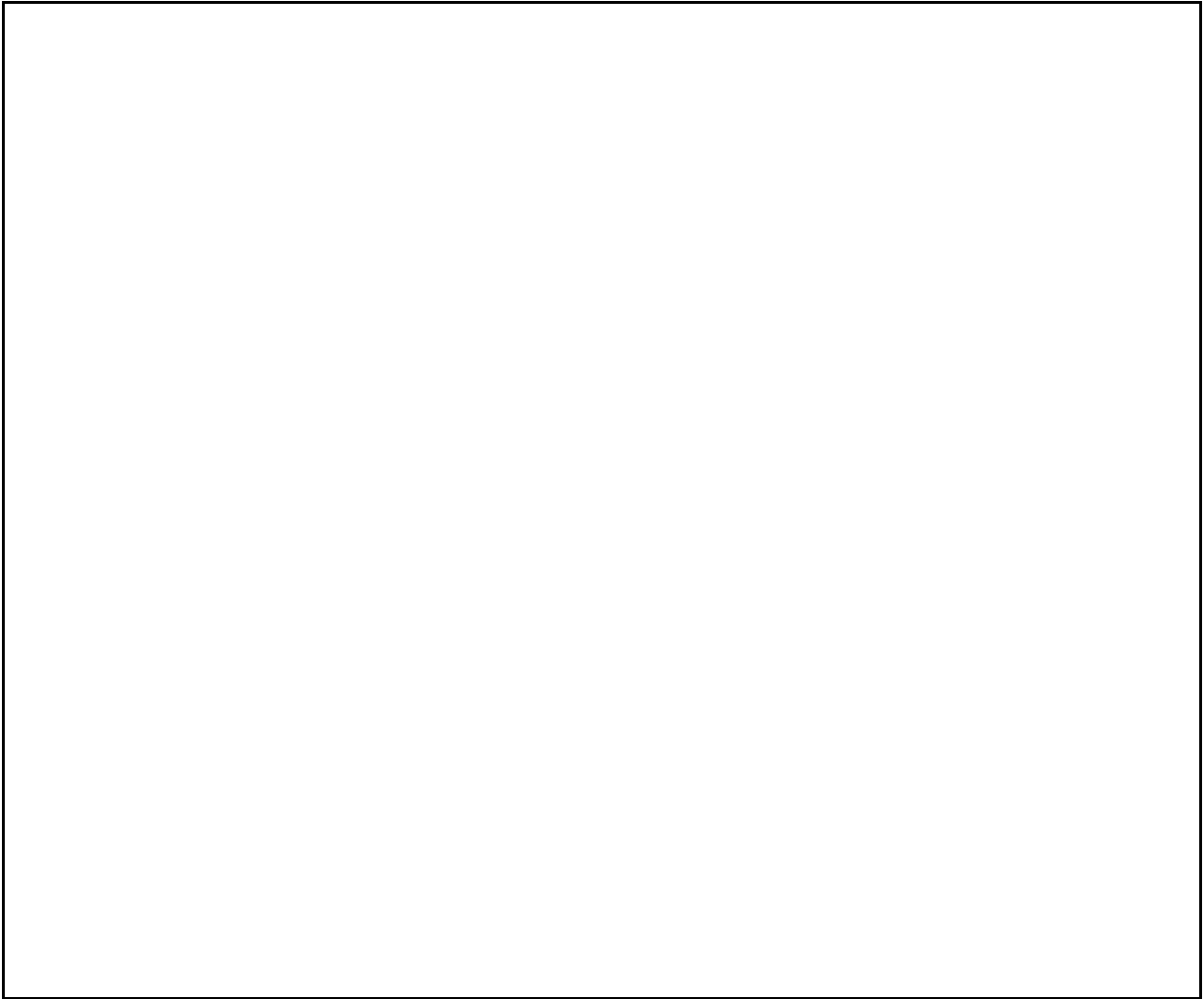
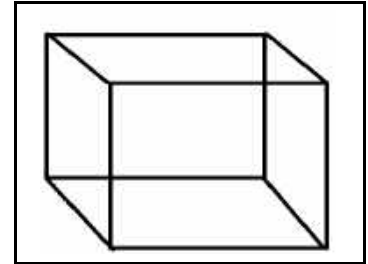
Step 1: Draw a square.



Step 2: Draw another square just as shown in the figure.



Step 3: Complete the cube by joining the lines from all the four sides.



Answer key: cube has six faces.

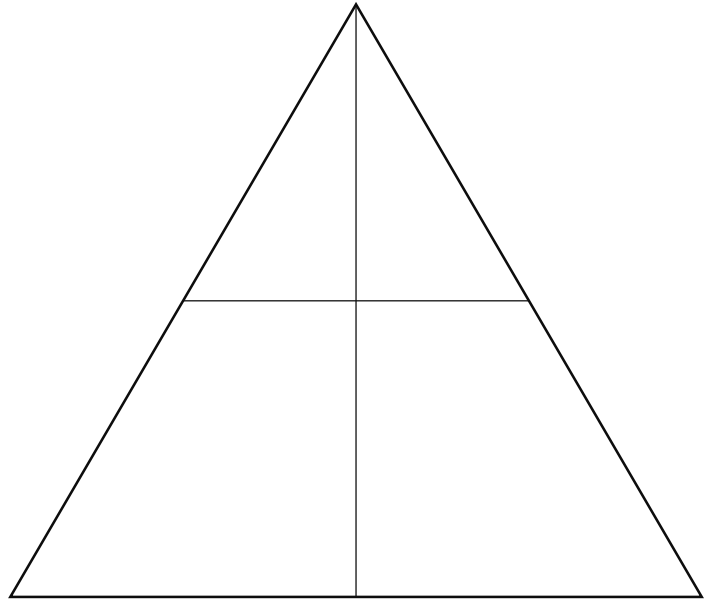


SOLVE THE PUZZLE

Find the correct answers for the puzzles given below.

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

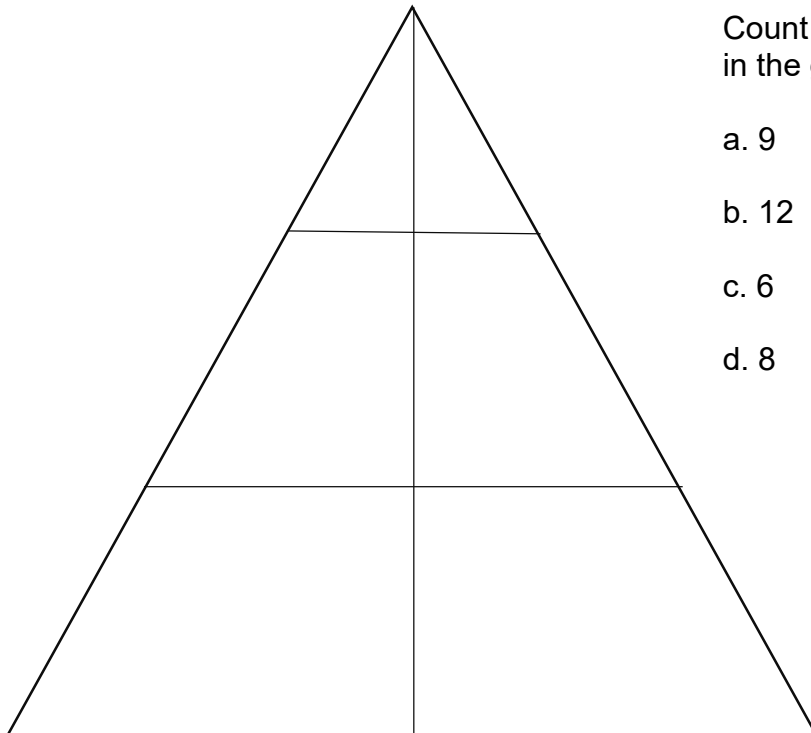
- a. 2
- b. 6
- c. 4
- d. 5



2

Count the number of triangles in the given shape.

- a. 9
- b. 12
- c. 6
- d. 8



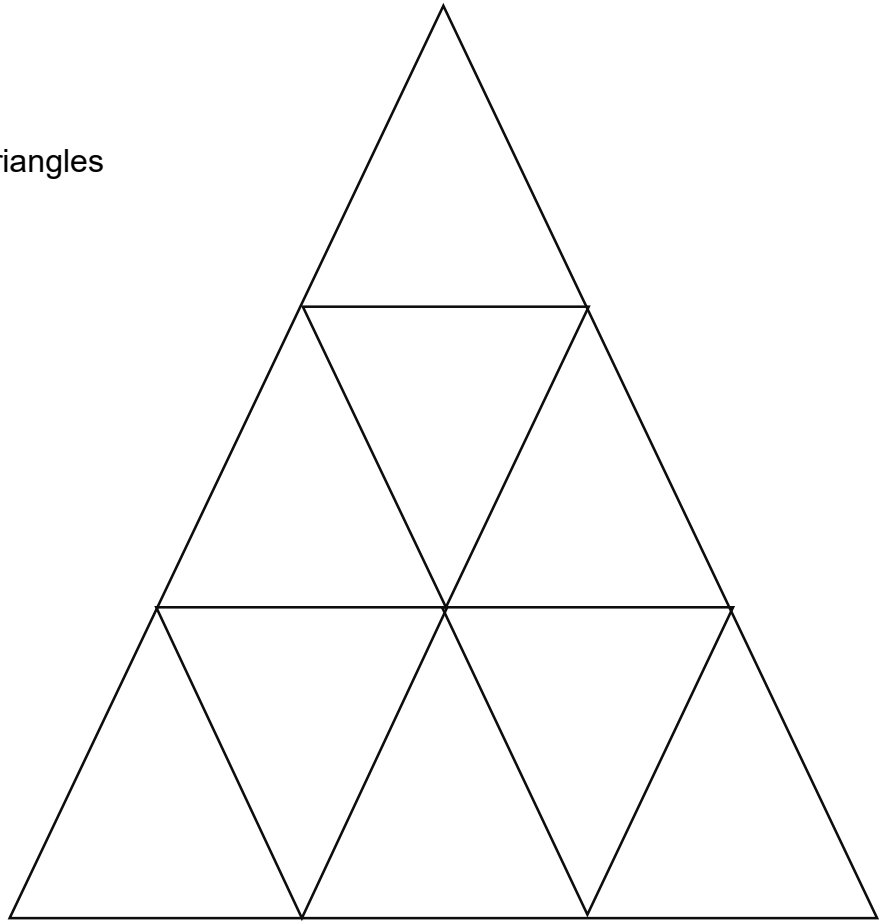


SOLVE THE PUZZLE

Find the correct answers for the puzzles given below.

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

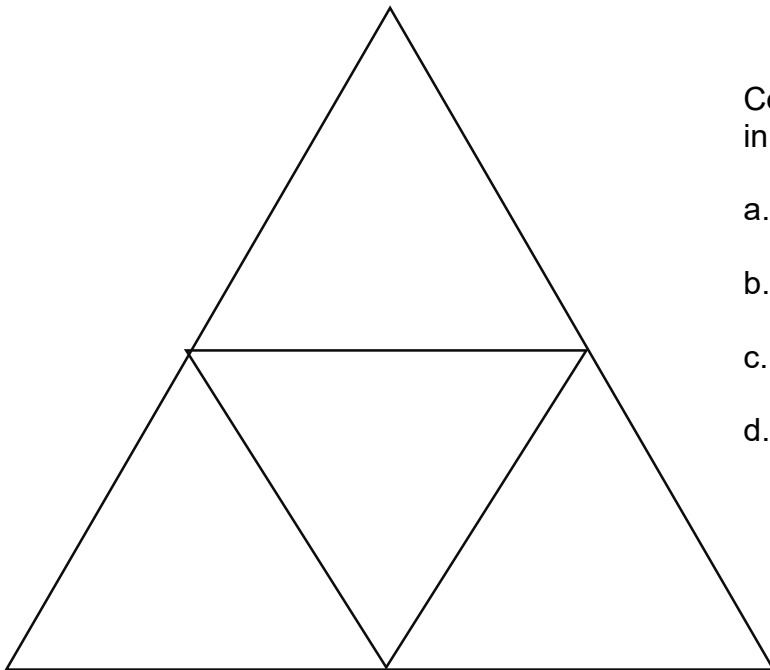
- a. 16
- b. 15
- c. 12
- d. 13



2

Count the number of triangles in the given shape.

- a. 9
- b. 5
- c. 6
- d. 8



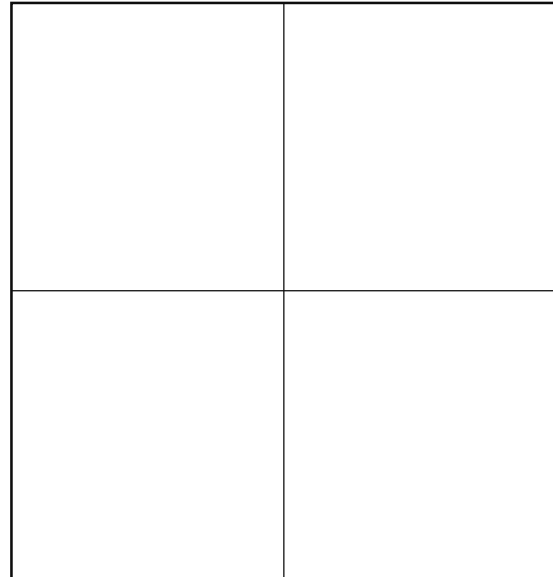


SOLVE THE PUZZLE

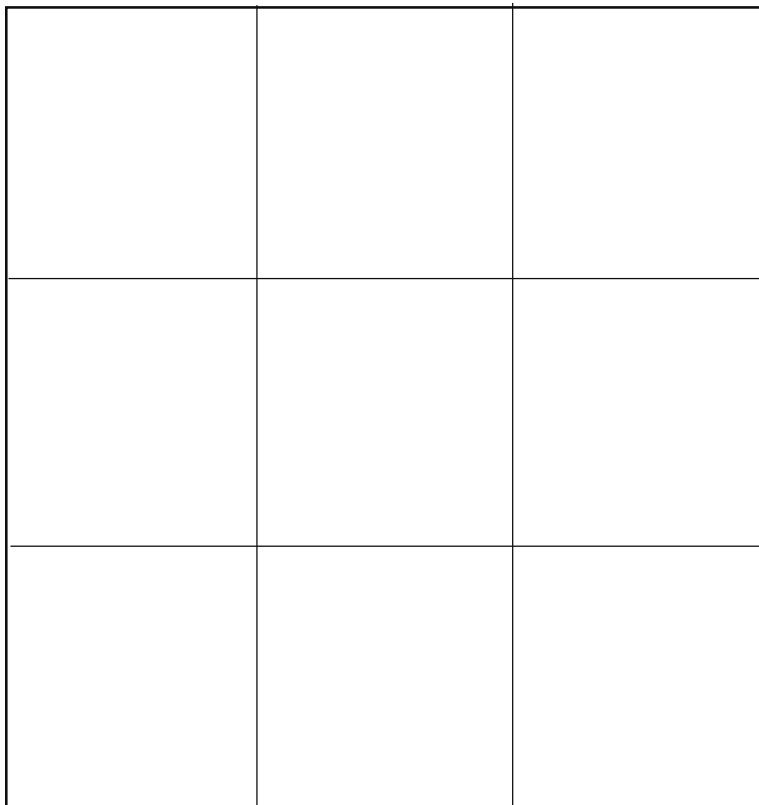
Find the correct answers for the puzzles given below.

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

- a. 5
- b. 7
- c. 9
- d. 4



2



Count the number of squares in the given shape.

- a. 14
- b. 20
- c. 16
- d. 24

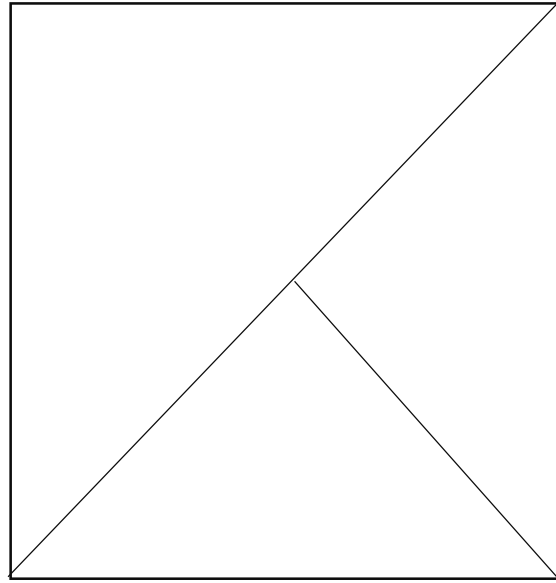


SOLVE THE PUZZLE

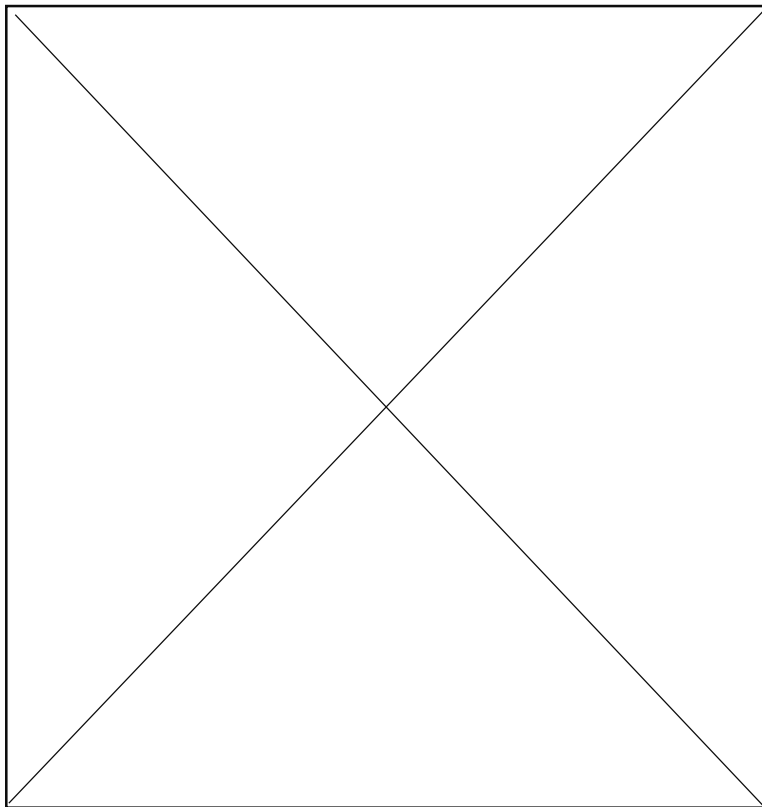
Find the correct answers for the puzzles given below.

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

- a. 5
- b. 6
- c. 3
- d. 4



2



Count the number of triangles in the given shape.

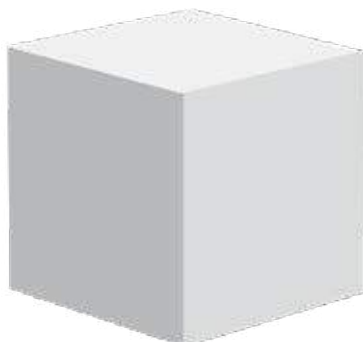
- a. 10
- b. 8
- c. 5
- d. 6



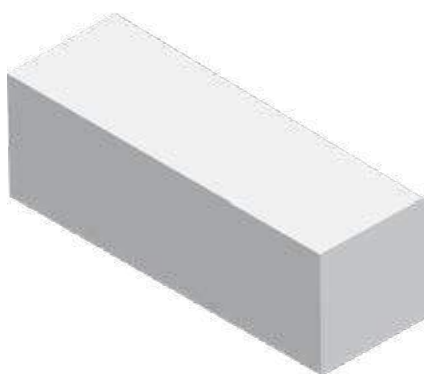
Edges and surfaces



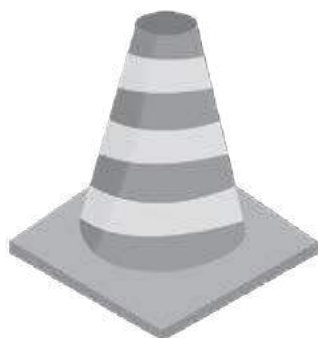
How many edges and surfaces these shapes have? Tick (✓) the correct option.



A cube has **6/7** surfaces and **12/13** edges.



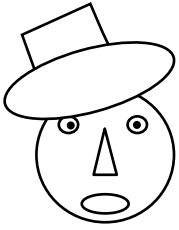
A rectangle has **6/9** surfaces and **12/14** edges.



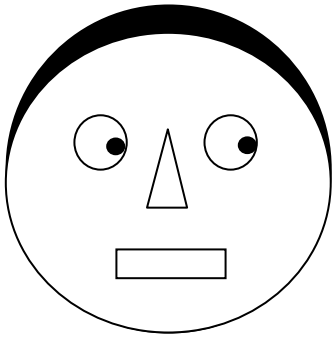
A cone has **1/2** surface/s and **0/1** edge/s.



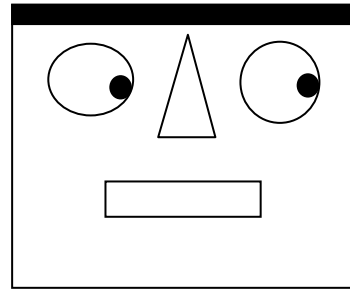
Introducing Mini's friends



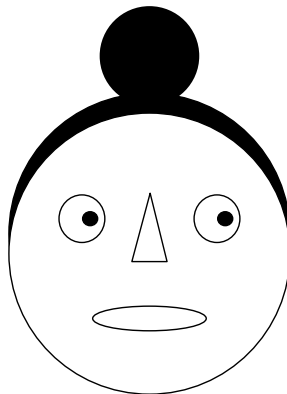
Draw a circle around the face that is square in shape.



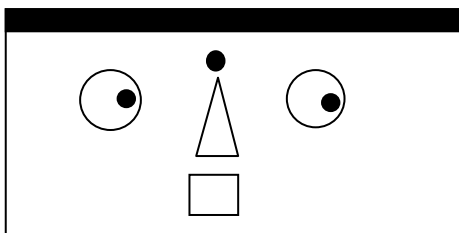
Sam



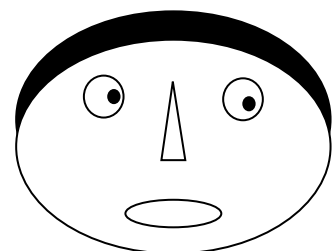
Rahman



Kartar



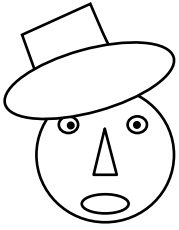
Sally



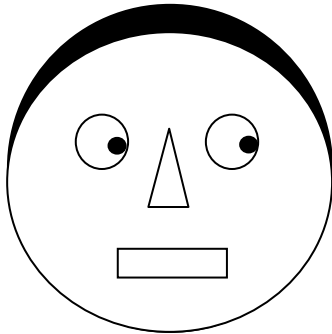
Bholu



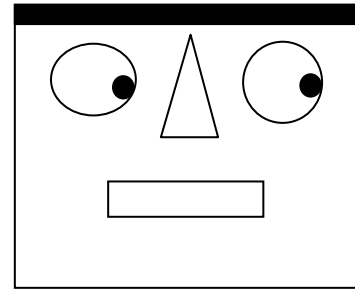
Introducing Mini's friends



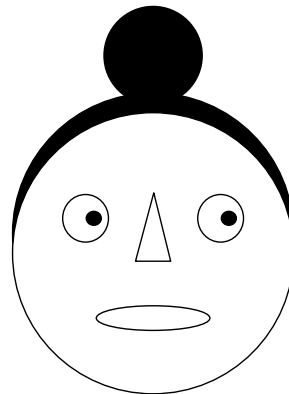
Draw a square around the faces that are circle in shape.



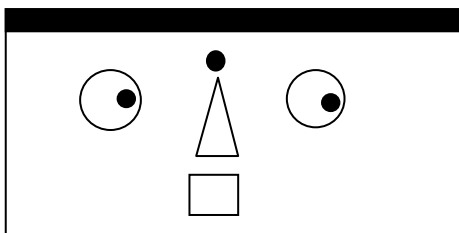
Sam



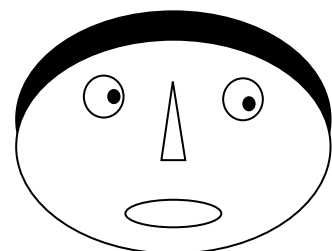
Rahman



Kartar



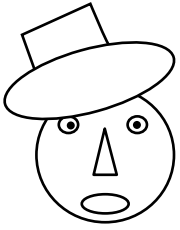
Sally



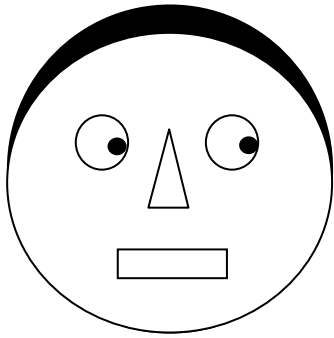
Bholu



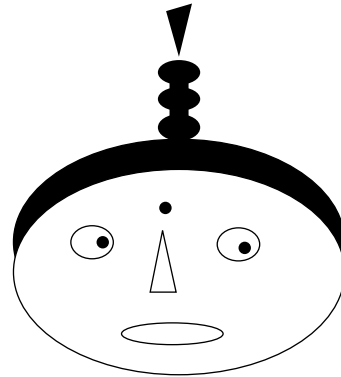
Introducing Mini's friends



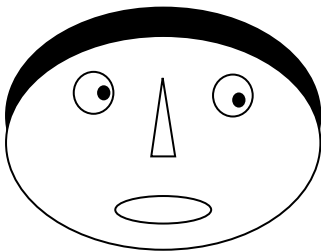
Draw a rectangle around the faces that are oval in shape.



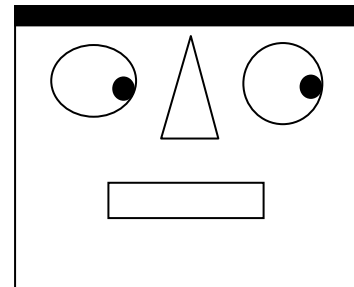
Sam



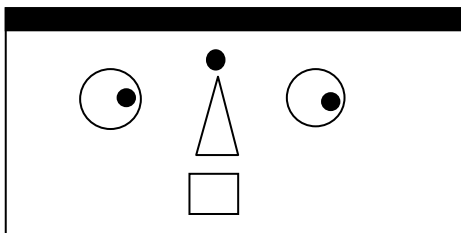
Mini



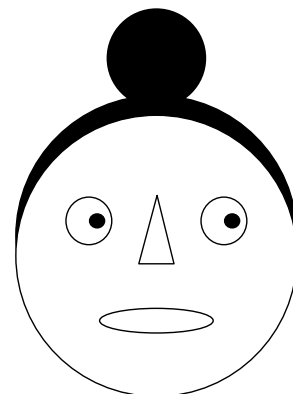
Bholu



Rahman



Sally



Kartar



Squares



Tick (✓) the objects that are square in shape.





Lines



Draw the lines shown below neatly in the space provided.

