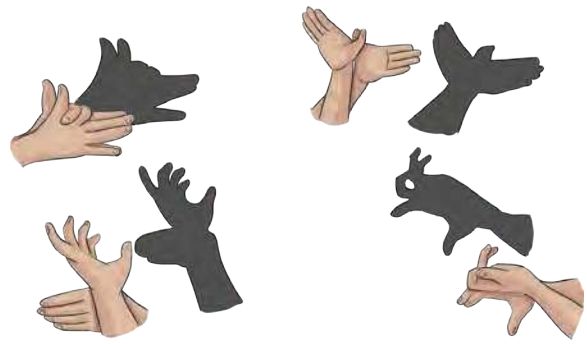
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4 Shadow Story (Togalu)



Nakul and his friends saw a shadow play known as *Togalu Gombeyaata* in a village fair. They all were fascinated to see the shadows.

They also wanted to make shadows. So, they made different animal shadows on the wall with their fingers. You can also try to make the shadows.



Share information about *Togalu Gombeyaata* with children which is a puppetry art form practised in Karnataka. The puppets are used to depict scenes from Indian epics. Let children also share their experiences of watching a puppet show.



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Let us Do

Do a role-play by making the shadows of different animals and creating their sounds.

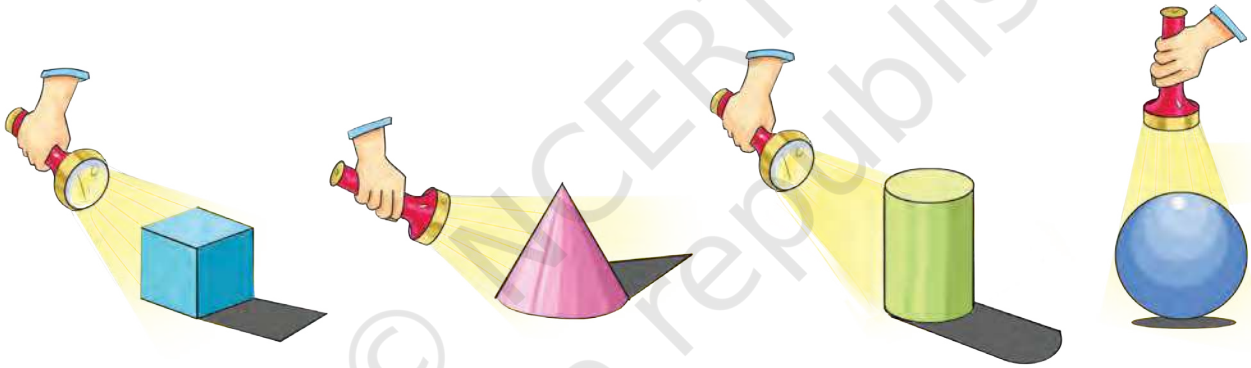
Let us Talk

A. Have you seen your own shadow or the shadow of a tree, a dog, a cow or any other animal?

B. When do we see a shadow?

C. When does a shadow vanish?

Fun with Shadows



Now put the torch light on the objects around you and observe the shapes of their shadows.

A. Will the size of shadows change on changing the position of the torch?

B. At what time of the day is your shadow longest?

C. At what time of the day is your shadow shortest?

Discuss with children about their observations on their shadows at different times of the day and the reasons behind it.

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Let us Trace

A. Trace the shape of the objects around you. For example, eraser, leaf, matchbox, sharpener, pencil colour, etc.



B. Draw the shapes you get after tracing.

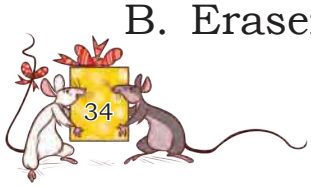


Let us Think

Write the names of objects that have the same trace as:

A. Bottle cap

B. Eraser



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Hide and Seek

Circle ◯ and rectangle ▭ are playing hide and seek. Rectangle is hiding from the circle.



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They all are playing together now.

A. Circle ◯ can hide in the clock, ball, _____, _____.

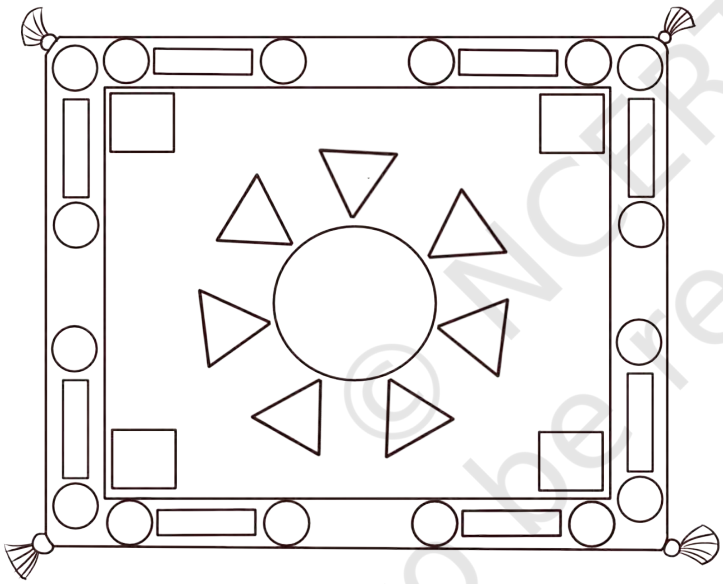
B. Rectangle ▭ can hide in the shoe box, photo frame, _____, _____.

C. But Triangle △ and Square □ are confused and wonder where to hide now. Suggest them some places where they can hide.

i. Triangle △ can hide in _____, _____.

ii. Square □ can hide in _____, _____.

Colour the Carpet



Colour the Triangles red.

Colour the Circles green.

Colour the Rectangles yellow.

Colour the Squares blue.

Make your own design with different shapes and colour them.

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Catch the Corner!

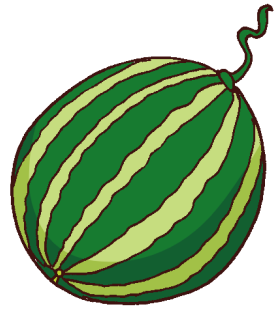
Naveen and his friends are playing a game. Naveen is standing facing the wall and clapping. His friends are running along the table as he claps. When he stops clapping, everybody stops. The child who is not at a corner will be out. Then the child will clap and the game will go on.



Look at the picture and answer the following questions.

A. Name the children standing near the corners of the table.
B. Can you tell who will clap next?
C. Where is Wasim standing?
D. Can this game be played around a round table? Why or why not?
E. Name the objects around us that have straight edges.
F. Many objects around us have curved edges. Some are shown below. Explore and share the names of such objects that you see around.





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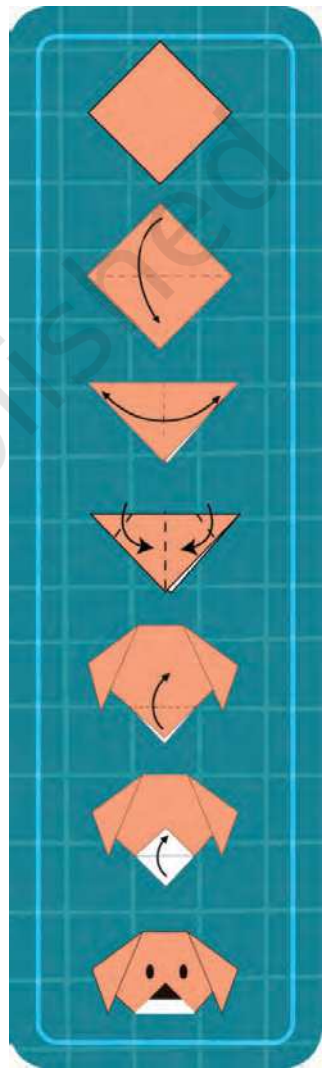


Let us Think

A. How many corners do objects with curved edges have? ____

B. Name the objects that have both straight and curved edges? ____ ____ ____

Origami Fun!



A. Take a paper and fold it to make it a square.

B. It has ____ corners and ____ edges.

C. Fold it in half by joining two corners as shown in the picture.

D. Tick ✓ the shape which you get.

i. ● ii. ■ iii. ▲

E. This shape has ____ corners and ____ edges.

F. Fold the paper again into half to get a triangle and then unfold it.

G. Now make two triangles from two corners of the triangle.

H. How many corners are there now? ____

I. Fold the third corner upwards and make the nose and eyes as shown.

Your paper dog is ready!



Can you fold the square sheet in such a way so as to get a shape with 4 sides? How many corners does it have now?

Ask children to explore various objects around them and ask them to find out the number of their edges, corners and sides.





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Patterns

A. Make designs by stamping objects having different shapes like — bottle caps, erasers, pencils, coins, etc.



B. Radha is applying *mehandi* on her hands. You can also trace your hand to make a *mehandi* pattern or design.

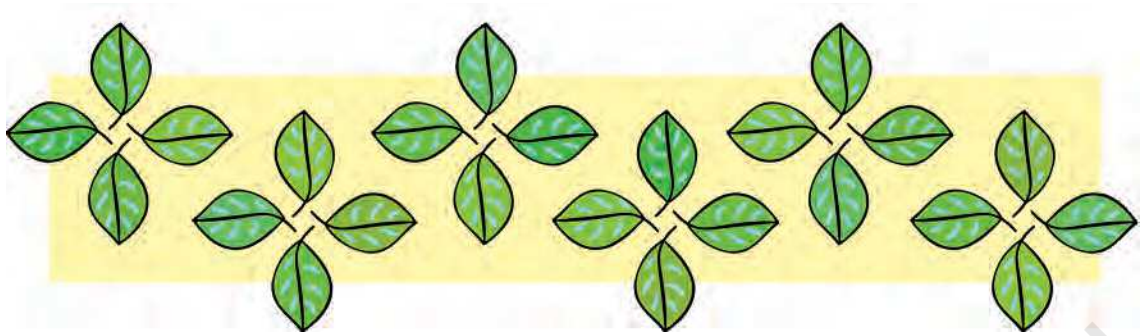




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Let us Do

Nitya is playing with leaves and making patterns.



Now you also collect some leaves and make a pattern. Paint one side of the leaf and print it on the space given below.

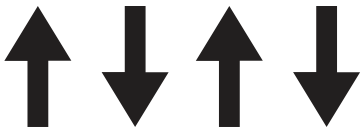
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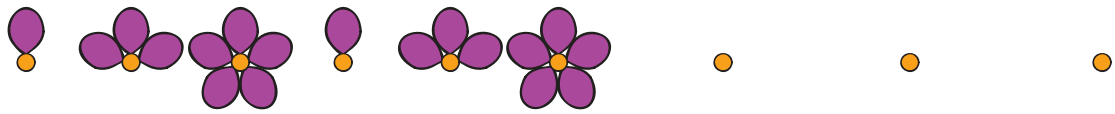
Project Work

Make a wall hanging using cutouts of different shapes with the help of your elders to decorate your home or classroom.

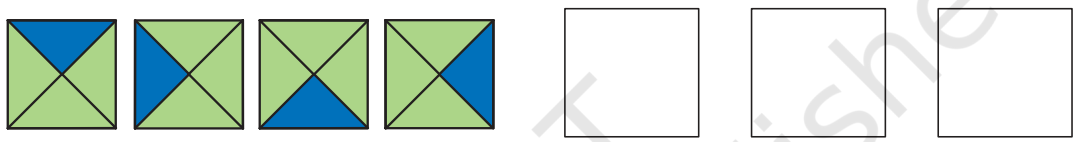
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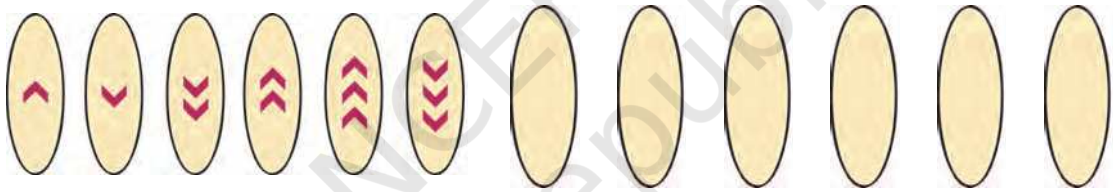
Extend the following patterns.

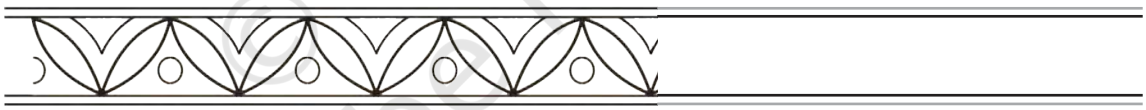
A. 

B. 

C. 

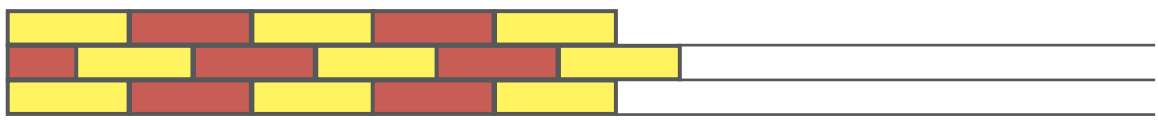
D. 

E. 

F. 

G. AB BC CD

H. AA BB CC DD EE

I. 

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Kikku rabbit jumps on the 4th tile. He forgot where to jump next. Help him by drawing a circle ◯ on the next tiles.

1, 4, _____, _____, _____, _____, _____, _____



Kikku's mother also jumps on the 6th tile. Help her by putting a × on the next tiles.

1, 6, 11, _____, _____, _____, _____, _____



Let us Do

Extend the following number patterns.

A. 5, 10, 15, ☐ ☐ ☐ ☐ ☐

B. 7, 14, 21, ☐ ☐ ☐ ☐ ☐

C. 1, 7, 13, ☐ ☐ ☐ ☐ ☐

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