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SHIVANAHALLI
MATHEMATICS

Class: 3

Topic: Edges and Corners

chapter 14

1) Look at the table and answer the following questions.



What is there on the table?

Tick the correct answer

a) Where is the ball?

1) Middle(ಮಧ್ಯ) of the table

2) Corner(ಮೂಲೆ) of the table

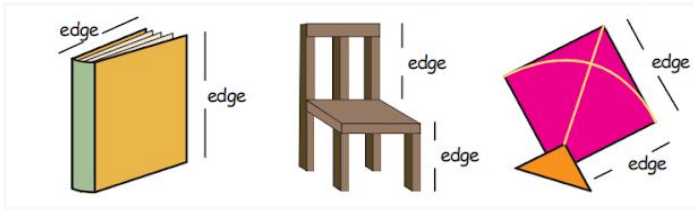
b) Where is the doll?

1) Corner(ಮೂಲೆ) of the table

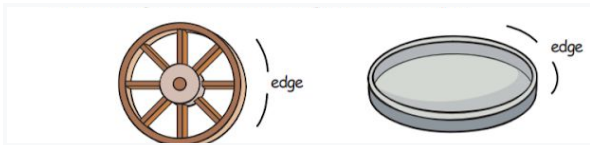
2) edge or side (ಅಂಚು) of the table

EDGES

Most of the objects have **STRAIGHT EDGES**(ನೇರವಾದ ಅಂಚು)



Some of the objects have **CURVED EDGES**(ಬಾಗಿರಿದ ಅಂಚು)



CORNER

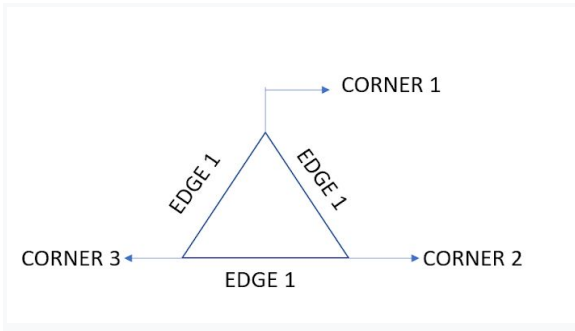


Point where two sides/ edges meet
is called corner



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2) See this and similarly write for other shapes



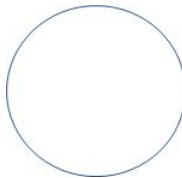
Shape name	No. of edges	No. of corners
Triangle	3	3



Shape name	No. of edges	No. of corners



Shape name	No. of edges	No. of corners



Shape name	No. of edges	No. of corners



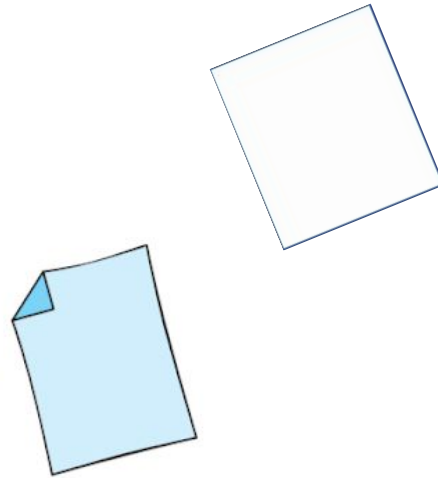
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3) Do question from page no 65










Activity Time

1. Take a rectangular sheet of paper.
2. Count its corners.
3. Now fold one of its corners.
 - a) How many corners does it have now?
 - b) How many corners will you get by folding
 - i) 2 corners
 - ii) 3 corners
 - iii) 4 corners
 - c) Can you fold this paper in such a way that it has only three corners? You are allowed only two folds.

What shape will you get?
4. Repeat the activity with a square sheet of paper.



4) Complete the table

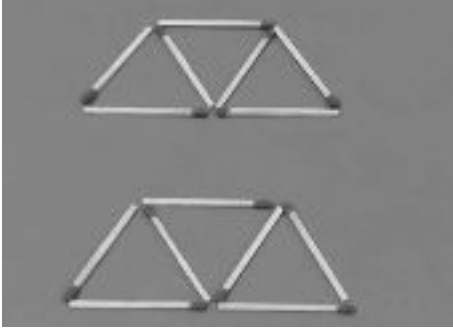
Shape	How many sides?	How many corners?
		
		
		
		
		
		
		
		
		



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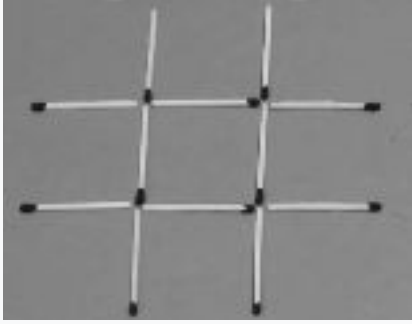
Puzzle time

1) Arrange 14 sticks to form the following shape. Can you make 4 triangles by removing 2 sticks? (ಕೆಳಗಿನ ಆಕಾರವನ್ನು ರೂಪಿಸಲು 14 ತುಂಡುಗಳನ್ನು ಜೋಡಿಸಿ. 2 ತುಂಡುಗಳನ್ನು ತೆಗೆದುಹಾಕಿ ನೀವು 4 ತ್ರಿಕೋನಗಳನ್ನು ಮಾಡಬಹುದೇ?)



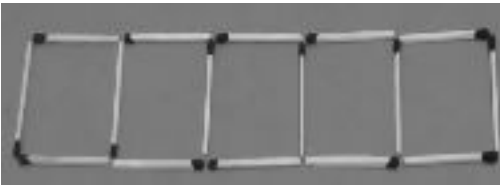
Draw your solution (ನಿಮ್ಮ ಪರಿಹಾರವನ್ನು ಬರೆಯಿರಿ)

2) Arrange 12 sticks to form the following shape. Can you make 3 squares by removing 3 sticks? (ಕೆಳಗಿನ ಆಕಾರವನ್ನು ರೂಪಿಸಲು 12 ತುಂಡುಗಳನ್ನು ಜೋಡಿಸಿ. 3 ತುಂಡುಗಳನ್ನು ತೆಗೆದುಹಾಕಿ ನೀವು 3 ಚೌಕಗಳನ್ನು ಮಾಡಬಹುದೇ?)



Draw your solution (ನಿಮ್ಮ ಪರಿಹಾರವನ್ನು ಬರೆಯಿರಿ)

3) Arrange 16 sticks to form the following shape. Can you make 4 squares by rearranging 6 sticks? (ಕೆಳಗಿನ ಆಕಾರವನ್ನು ರೂಪಿಸಲು 16 ತುಂಡುಗಳನ್ನು ಜೋಡಿಸಿ. 6 ಕೋಲುಗಳನ್ನು ಮರುಹೊಂದಿಸುವ ಮೂಲಕ ನೀವು 4 ಚೌಕಗಳನ್ನು ಮಾಡಬಹುದೇ?)



Draw your solution (ನಿಮ್ಮ ಪರಿಹಾರವನ್ನು ಬರೆಯಿರಿ)