



**JAB SAARA INDIA  
VEDANTU PE ONLINE PADHEGA**

## Vedantu Scholarship Admission Test

- ✓ WIN an assured Scholarship upto 100%
- ✓ Take the Online Test from the comfort of your home
- ✓ It's Absolutely FREE
- ✓ For **Class 6-12** **CBSE | ICSE | JEE | NEET**

**Register NOW**

Limited Seats!

# BEST RESULTS FROM ONLINE CLASSES

548

RANKS  
ACROSS  
INDIA

268

RANKS  
IN TOP  
10K

1 OUT OF 3

STUDENTS WHO CLEARED  
JEE MAINS SECURED A  
RANK IN JEE ADVANCED



Mumbai se  
Dhruv Rambhia

✓ AIR 43



Panchkula se  
Madhav Goel

✓ AIR 208



Gurugram se  
Tanmay Gangwar

✓ AIR 227

• JEE Adv. •

27

STUDENTS

SCORED  
ABOVE  
600

46

STUDENTS

SCORED  
ABOVE  
550



Patiala se  
Shaurya Bhatia

✓ 682/720



Maharashtra se  
Anjaney Pandey

✓ 670/720



Surat se  
Tanishi Bhatt

✓ 670/720

• NEET •

157 Students

Scored above 90% in 12th



Lucknow se  
Arya Verma

✓ 98.40%



Jharkhand se  
Akshat Kumar

✓ 98.20%



Dubai se  
Navya Ratnan

✓ 98.00%

• 12<sup>TH</sup> Boards •

171 Students

Scored above 90% in 10th



Chennai se  
Meera Ranjan

✓ 98.8%



Jhajjar se  
Ayush Singh

✓ 98.2%



Patna se  
Shambhavi Sinha

✓ 98.2%

• 10<sup>TH</sup> Boards •



Malappuram se  
Senin Ahammed

✓ 100%



Rajahmundry se  
Reshma M

✓ 99.4%



Dahod se  
Ummehani N

✓ 97.92%

• State Boards •

## Vedantu Scholarship Admission Test

- ✓ WIN an assured Scholarship upto 100%
- ✓ Take the Online Test from the comfort of your home
- ✓ It's Absolutely FREE
- ✓ For Class 6-12 CBSE | ICSE | JEE | NEET

Register **NOW**

Limited Seats!

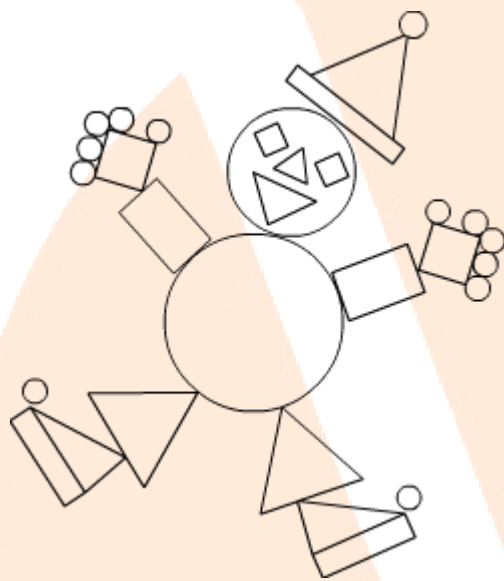
**NCERT Solution for Class 3 Mathematics**

**Chapter 5**

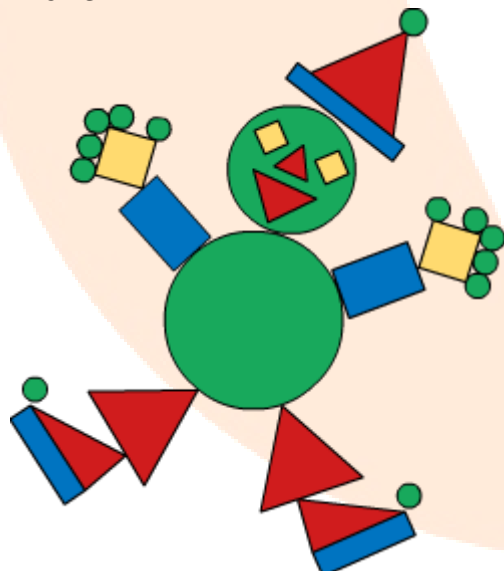
**Shapes and Designs**

Q1: Colour the clown following the directions given below:

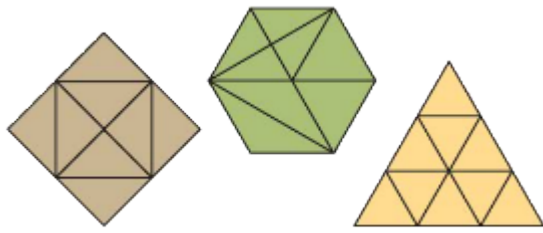
Triangles: Red Squares: Yellow Rectangles: Blue Circles: Green



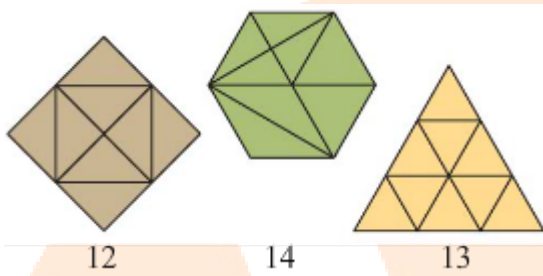
Answer:



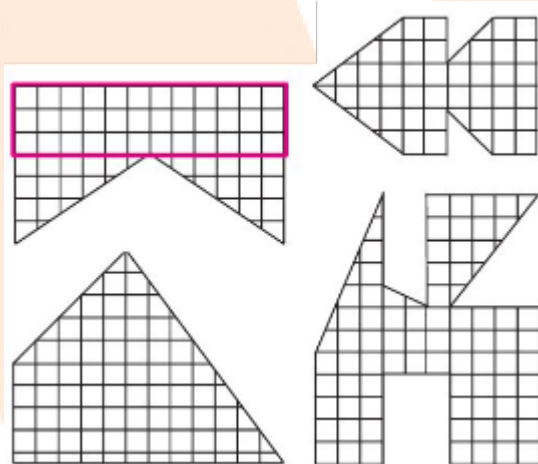
Q2: How many triangles are there in the following figures?



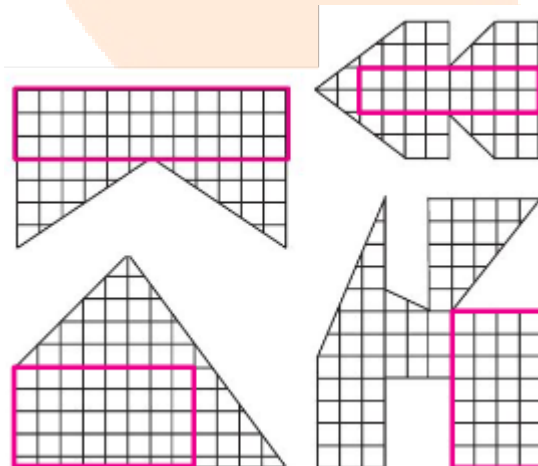
Answer:



Q3: Find the biggest rectangle in the figures given below

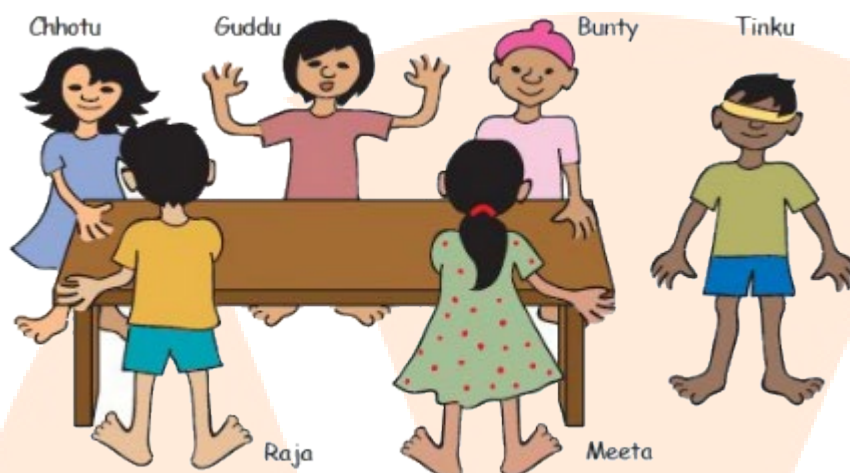


Answer:



#### Q4: Edges and Corners

Meeta and her 5 friends were playing a game. Tinku was blindfolded and asked to keep clapping as long as he wished while the others would move round a table. The moment Tinku stopped clapping, everybody would stop wherever they were. The child who was not at a corner would be out. Then she would be blindfolded.



Looking at the picture given above, can you tell who is out?

(b) Where is Guddu standing?

(c) Can this game be played around a round table? Why?

Answer:

(a) According to the rule, Guddu is out because he is not standing at any of the corners of the table.

(b) Guddu is caught standing in the middle of one of the sides of the table.

(c) In this game, a person who is not found at the corner of the table is out. But if we play around a round table then nobody will get the corner as a round table has no corner. Thus, the game cannot be played.

#### Q5:

(a) Look around you and identify things with straight and curved edges.

(b) Do the things with straight edges have corners?

(c) Do the things with curved edges have corners?

(d) Try to find things which have both straight and curved edges.

Answer:

(a) Table, a blackboard and a duster have straight edges and a coin, a bottle and chalk have curved edges.


(b) Yes, the things with straight edges have corners.

(c) No, the things with curved edges do not have corners.


(d) A book and a protector have both straight and curved edges.

Q6: Look at the following table and tick (✓) the names of things that have corners. Also count the number of edges and corners in each of them.

Name of thing	Whether it has corners	Number of edges	Number of corners
---------------	------------------------	-----------------	-------------------

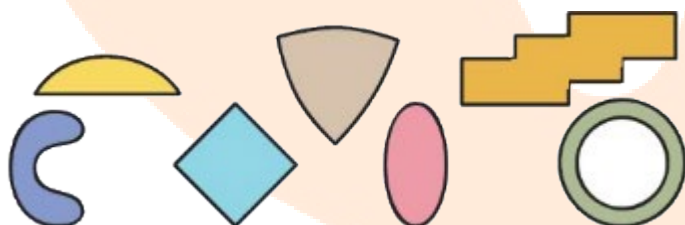
Die 	Yes		8
Ball			
Eraser			
Egg			
Sheet of paper			

Answer

Name of thing		Whether it has corners	Number of edges	Number of corners
Die 	✓	Yes	12	8
Ball		No		
Eraser	✓	Yes	12	8
Egg		No		
Sheet of paper	✓	Yes	4	4

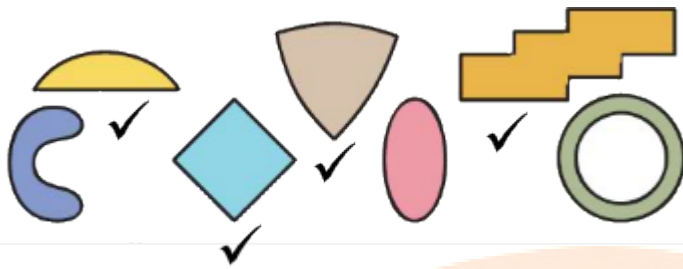
Q7: In the following figures, tick (✓) those which have corners. Do these figures have curved lines?

Using only straight lines, can you draw a figure which has no corners?



Answer:





Yes, four of the given figures have curved lines.

- No, we cannot draw a figure with a straight line which has no corners.

Q8: How many triangles do you have in your set? Are all of them equal in size? Find out.

Answer:

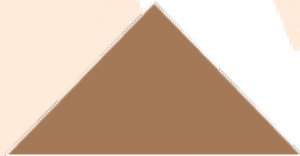
After measuring the sides of the triangle we can say that only two of the three given triangles in a set are equal in size.

- (a) a kite
- (b) a leaf
- (c) a flower
- (d) a boat
- (e) a star
- (f) a pot

Q9: Use the two small triangles in the tangram set to get the following shapes:



(1)



(2)



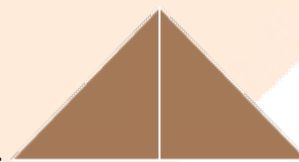
(3)

Answer:

(1) To get the figure of a square, triangle 2 and 5 are used.



(2) To get the figure of a triangle, triangles 2 and 5 are used.



(3) To get the figure of a parallelogram, triangles 2 and 5 are used.

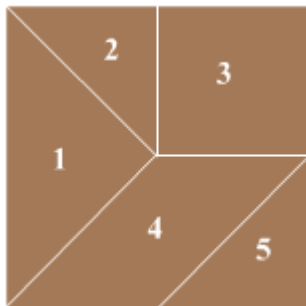


Q10: Which two pieces of the tangram set are exactly the same? Find out

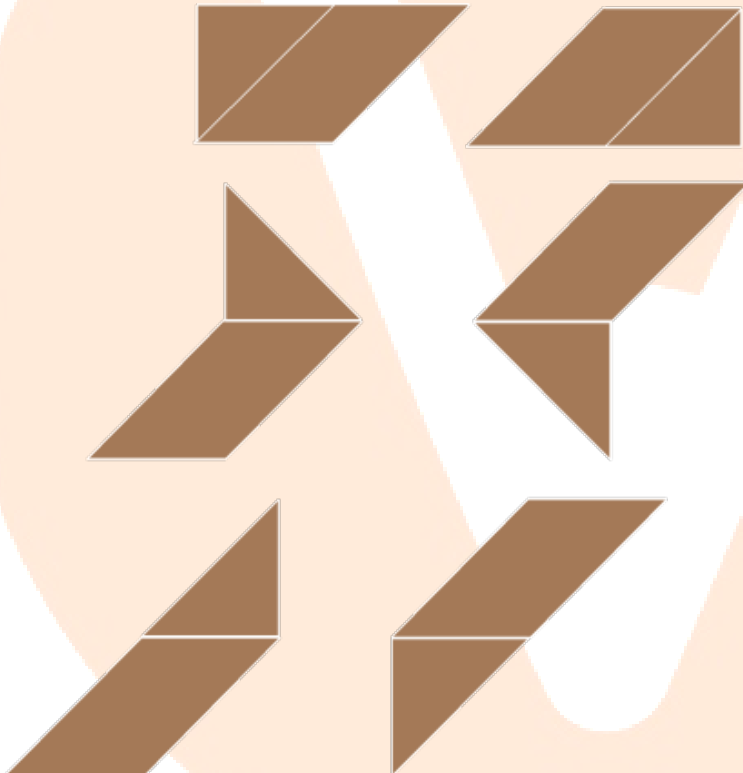
Answer:

Pieces 2 and 5 of the tangram set are exactly the same. You can measure with scale to find out.

Q11: Take pieces 4 and 5 from the set and find out on which side of the triangle you can join the other piece.

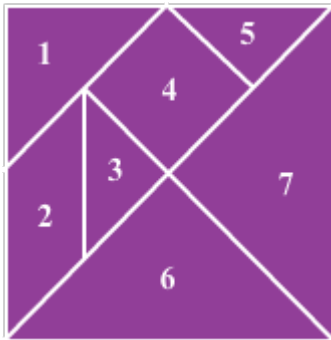


Answer



Q12: Use only triangles





Answer:



Q13: Use pieces 1, 2, 3 and 5



Answer:



Q14: Use only two triangles



Answer:



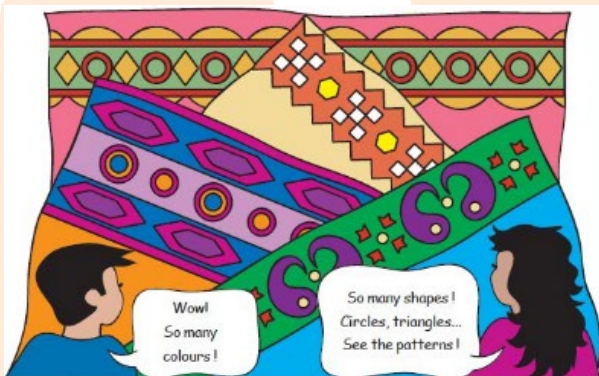
Q14: Use pieces 1, 2, 3, 4 and 5



Answer:



Q15: Which geometrical shapes can you identify in these borders? Draw them in your notebook.



Answer:

Circle



Square



Q16: Is any shape repeating in a particular pattern? Which ones?

Answer:





Q17: Are the shapes made of

- (i) Curved lines
- (ii) Straight lines
- (iii) Both curved and straight lines.

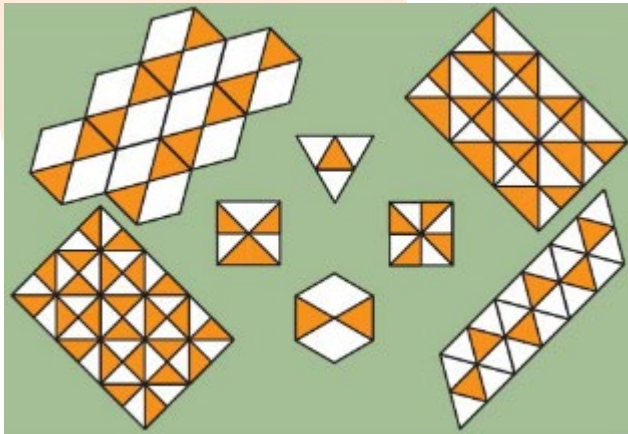
Answer:

These shapes have both curved and straight lines.

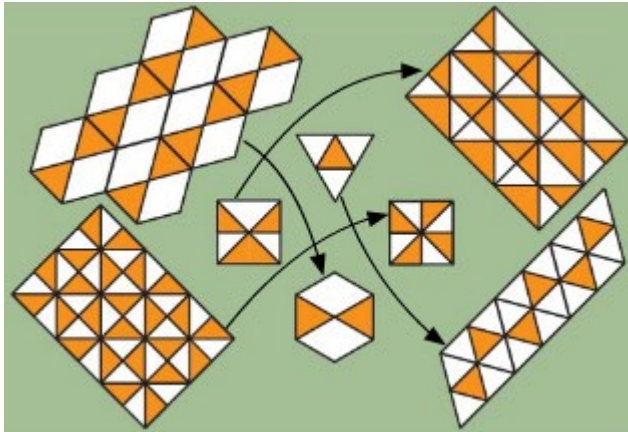
Q18: Look at your clothes, your mother's saris/shawls, rugs and mats. Can you identify some patterns? Draw them in your notebook.

Answer:

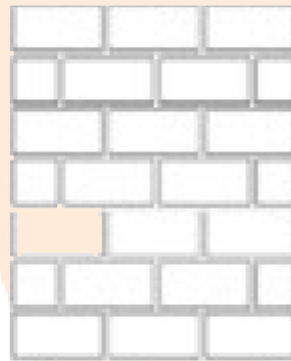
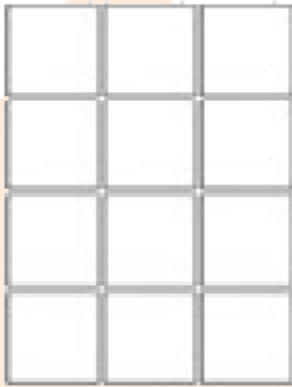
Q19: You can also make your own tiles and use them to make your own tiling patterns. You will find some such tiles at the end of the book that you can cut out, trace and colour.



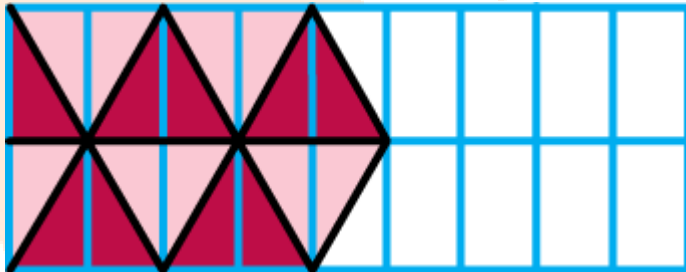
Answer:



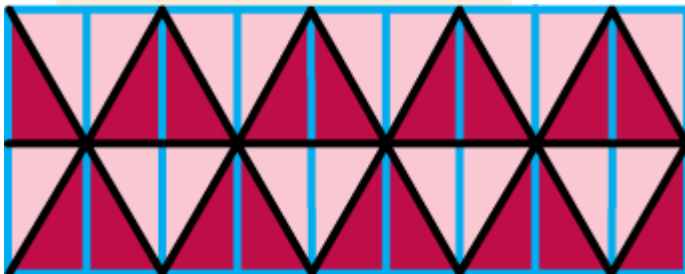
Some tile patterns are given below for reference.



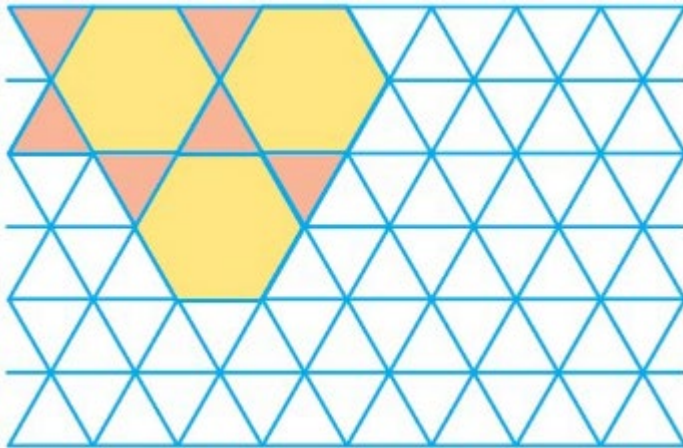
Q20: Complete the following tiling pattern



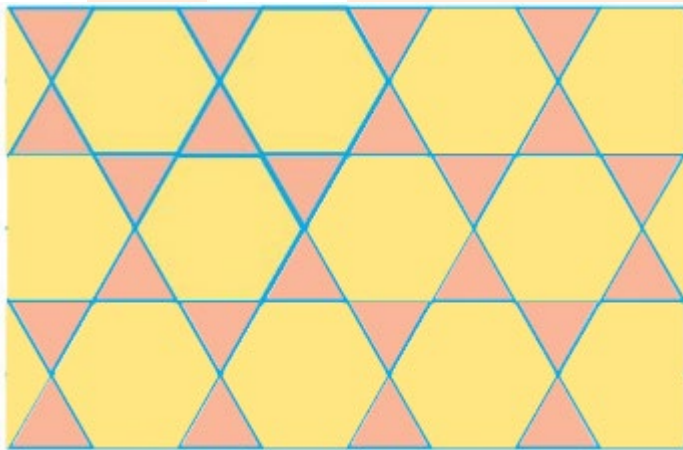
Answer:



Q21: Complete this pattern. Compare it with the pattern on page 70 which also uses six sided shapes. What is the difference between the two?

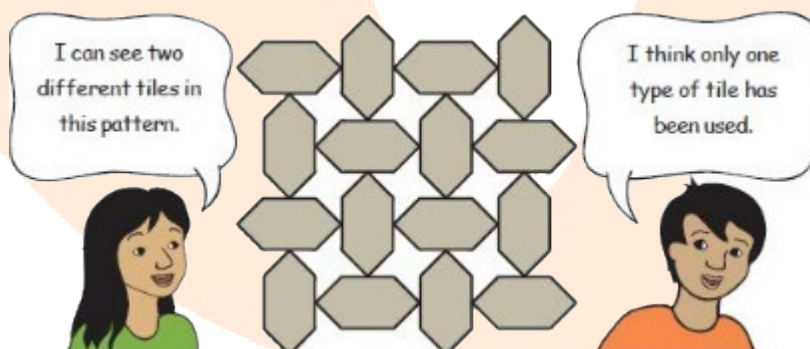


Answer:



Both the shapes are regular hexagons. The only difference is that on rotating any one of the shapes by  $90^\circ$ , another shape appears.

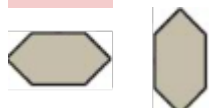
Q22: Khushboo and Hariz live in Agra. One day they went to see the Taj Mahal. The floor had the pattern shown



What do you think? Discuss with your friends.

Answer:

I think the same type of tile is used in the floor pattern in two directions: horizontal and vertical.





# Vedantu PRO★ LITE



Access of Full  
Syllabus Course



Crash Course to Revise  
Entire Syllabus



Test Series and  
Assignment



Chapter Wise Course to  
help you master One chapter



Notes & Recordings  
of every class



Unlimited In-class  
Doubt Solving

Use **VPROP** & Get Extra **20% OFF**

**Subscribe Now**

<https://vdnt.in/VPROP>

**GRADES 6-12 | CBSE | ICSE | JEE | NEET**



# Download **Vedantu Learning APP**



Free LIVE  
MasterClasses



Unlimited Access  
to Study Materials



Specially Designed  
Tests



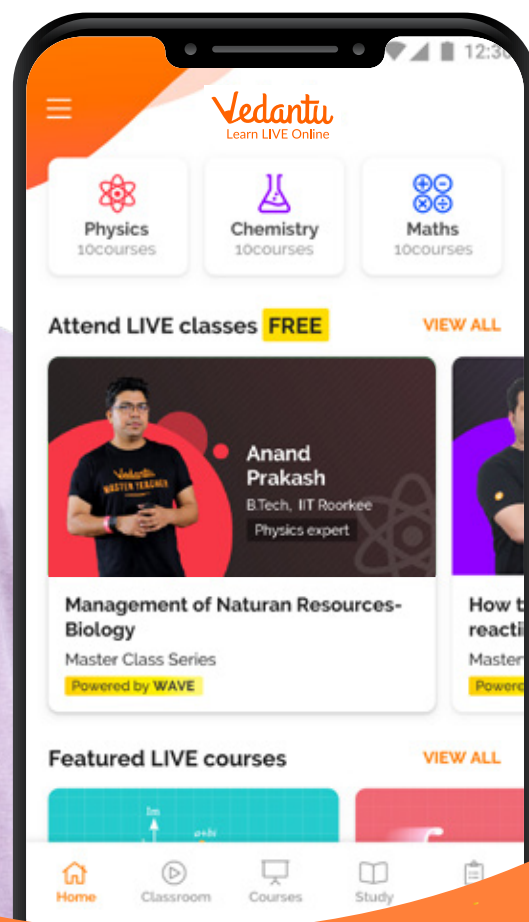
**Google Play**

Best of 2019 Winner

**USER'S CHOICE  
APP AWARD 2019**



Category  
**Everyday Essentials**



**DOWNLOAD  
THE APP**



GET IT ON  
**Google Play**



Download on the  
**App Store**

**Thank You**  
for downloading the PDF



**Samajh Aayega** toh  
**Maza Aayega!!**

**Vedantu**

## **FREE MASTER CLASS SERIES**

- ✓ For **Grades 6-12th** targeting **JEE, NEET, CBSE, ICSE** & many more
- ✓ **Free 60 Minutes LIVE Interactive** classes everyday
- ✓ Learn from India's **Best Master Teachers**

Register for **FREE**

Limited Seats!