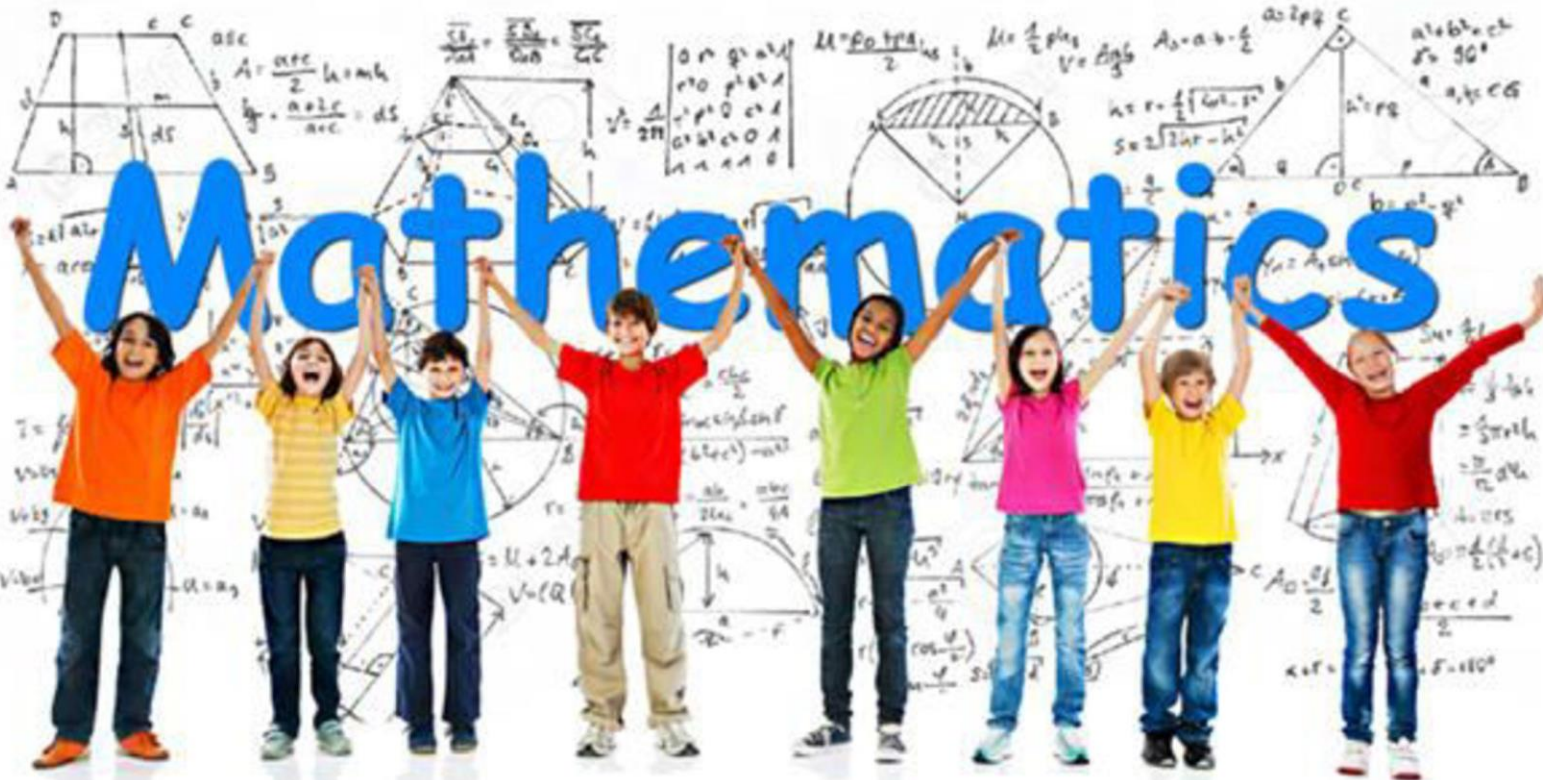


# MATHLETE

(अक्सर पूछा करते हैं.....)

Classes - 6<sup>th</sup> to 8<sup>th</sup>

Series  
4



MATHEMATICAL LITERACY GROUP - CHANDIGARH

# ICC WORLD TEST CHAMPIONSHIP



**International  
Cricket Council**



Hello Students, Do you know just like One day Internationals World cup which happens after every 4 years, ICC has started with the Test World cup.....Yes that's true...!! And it has been named as ICC World Test Championship.....Yes, It has been introduced in August, 2019. It will be played as combination of different bilateral series among 9 Test playing Nations and it will take 2 years of time to complete the entire competition.

Now the Good News, India has made it into finals of this championship and going to play against New Zealand on June 18<sup>th</sup>, 2021 ....How wonderful it is, isn't it?

I know how much you love cricket so let's see how Math gets related to different aspects of this Game, I am sure u going to work out the tasks provided to you. So Let's Begin....!!!



VS



Dimensions of a cricket ball

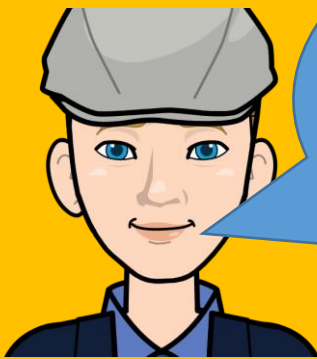
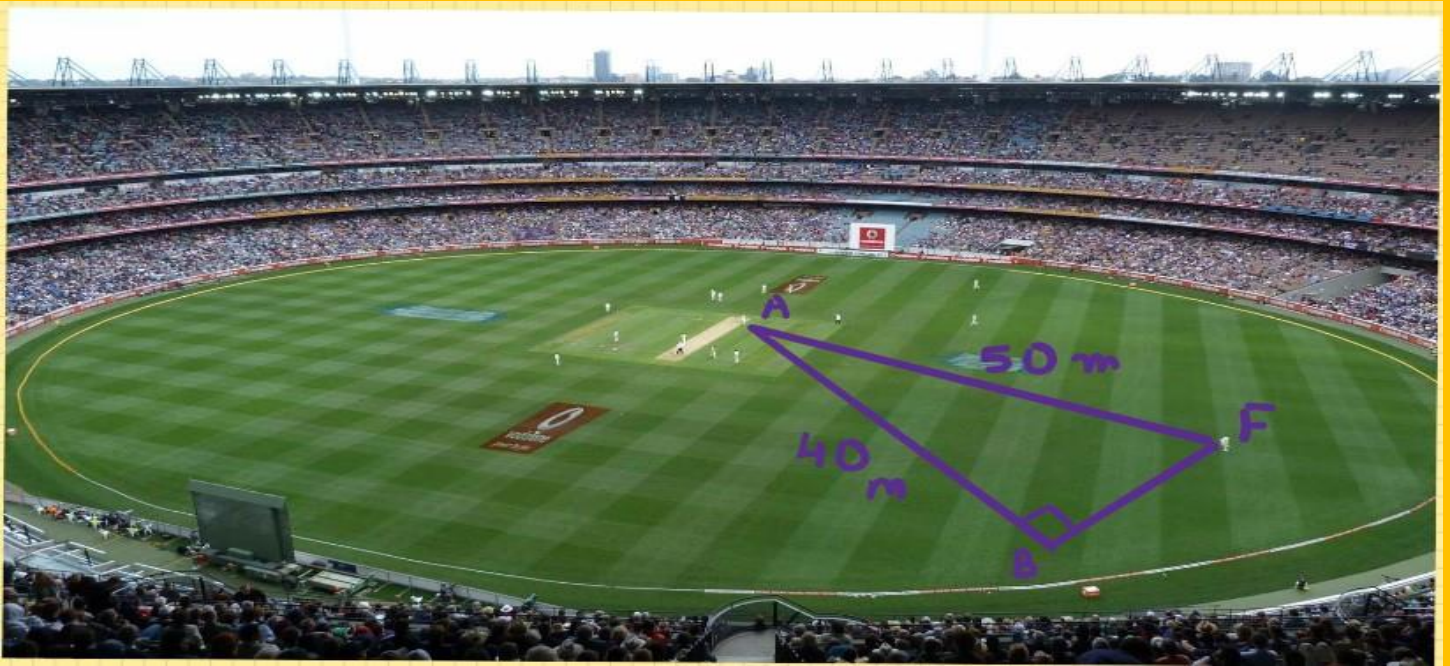


Dimensions of a cricket stadium





## Task 1: The Fielder's Dilemma



So Students this is your task 1, you all must be familiar with the cricket field..... Fielding is one of the most important aspect of this game, have u heard about the name “Jhonty Rhodes” he is one of the best fielder’s in cricket history, so coming back to the task. In the above picture batsman hit the ball to point B covering 40 m distance, whereas if he would hit the ball directly toward the fielder , the ball would cover around 50 m distance , keeping I view the given figure can you answer how much distance fielder has to cover to pick the ball from Point B ?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



## Task 2: Rain Stops Play



Unfortunately sometimes play gets interrupted due to rain and which results in a less over match , here also something like this happened ,In a 50 over game , Indian Team has the target of 320 to achieve they scored 120 in 22 overs , but due to rain the total overs now reduced to 48 . Can u calculate at what average the remaining runs need to be scored by Indian team to win this match?



A large blue rectangular area with horizontal white lines, intended for writing the solution to the problem.



### Task 3: Runs Wagon-Wheel

Around Field	On-Side	Around Field	Off-Side
Third Man	20	Fine Leg	23
Point	15	Square Leg	12
Cover	20	Midwicket	10
Long off	10	Long on	15



So Students I am sure you must have done Task 1 and Task 2 perfectly , so now let's talk about the run wagon wheel as shown above , this is also one of the way we can represent runs scored in different area of cricket ground , ground is divided into two parts off-side and On-side ....So your task is to find how many total runs has been made by this batsman and out of total score , how many percentage of total scores has been scored on off – side and how many percentage of scores has been made of On-side of the ground ?

A large blue cloud shape with horizontal lines inside, set against a yellow background. At the bottom left is a cartoon boy with brown hair pointing, and at the bottom right are cartoon boys with brown and blonde hair.