

# HOW TO CRACK OLYMPIADS?


By just spending **3 hours per week.**

- ✓ Powerful Tips
- ✓ Free Resources
- ✓ Real time, proven & Workable Schedule



Karthik and Keerthi , both score A+ in School exams. Karthik always secured Olympiad top Ranks but Keerthi never made it there even once. Their Story will interest you and help you better your Olympiad Ranks.

Success  
comes to  
them,  
Who plan  
for it!

First lets see how  worked

Things they did	Karthik	Keerthi	Does it really Matter
Games	Played Cricket	Played Chess	Maybe/ mostly NO
Study Material	School Books, Olympiad Books, <b>Juniors</b> <b>Scholars Kits</b>	School Books, Olympiad Books , Video Subscriptions	Maybe
Time the Studied	3 hours per week	2 hours per day	NO
Food Habits	South Indian	North Indian	NO
How they Studied	To win	Smart and Hard work	<b>YES</b>

You see, all that matters is **HOW**  **DID** It.  
Scroll down to know how to start your success story right today!

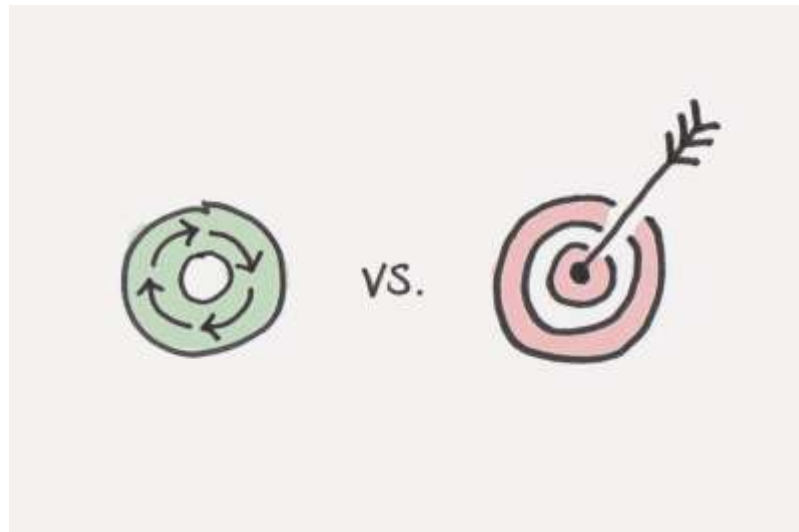
What you do does not matter much.  
**HOW YOU DO** it matters the Most!

No system will work if you DO NOT SET GOALS. So firstly, set goals.

Your goals has to be- **SMART**

1. **SPECIFIC** ( for example- Get Centum in Math, Crack math Olympiad, Qualify for international Physics Olympiad or R MO etc)
2. **Measurable** (for example- 3 exams in 1 year or 3 hours study per week etc)
3. **Achievable** (for example- if you study in class 5, target class 5 or class 6 Level exams as per our capacity. Targeting JEE level exam questions in class 8 is unrealistic goal)
4. **No RAT RACE:** your have to always compete with YOURSELF. Each time focus on bettering your own self. Strictly NO RAT RACE.
5. **TIME BOUND** (for example- in Dec 2019, in Nov 2020 etc)

# 1. Set SMART Goals



Once the Goal is set  
you have already reached  
**more than  
HALFWAY**







has been consistently cracking Math Olympiads for past 3 years. This is what how he works for Math Olympiads.

In Scholar minds Sessions, he attends fundamental learning concepts in Scholars Club, where these fundamental worksheets are solved. For example, to master a topic called Fraction, his fundamental worksheets look like this.

## 2. Start with Fundamentals

**Scholar-Minds**  
...Nurturing Excellence Essentials

Mathematics - Worksheet - 05

**Turn Improper Fractions into Mixed Fractions**

1. Complete the table by converting the improper fraction into a mixed fraction. Use the example given as a guide.

Example:  $\frac{11}{5}$  =  $2\frac{1}{5}$  (11 ÷ 5 = 2 with a remainder of 1)

Improper Fraction	Picture Representation	Mixed Fraction
$\frac{17}{5}$		
$\frac{24}{12}$		
$\frac{64}{7}$		
$\frac{28}{9}$		
$\frac{41}{8}$		

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Mathematics - Worksheet - 06

**Partitioning and Labeling Number Lines**

1. Partition into 4 equal parts and label each partition.

2. Partition into 3 equal parts and label each partition.

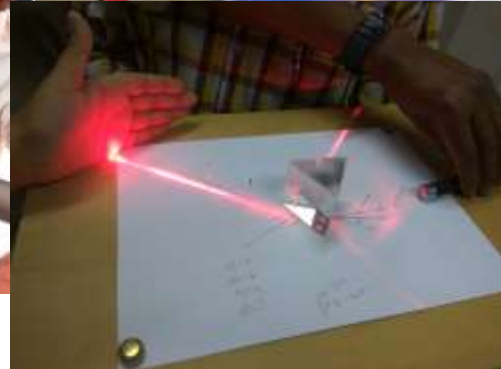
3. Partition into 8 equal parts and label each partition.

4. Partition into 2 equal parts and label each partition.

5. Partition into 7 equal parts and label each partition.

## 2. You must do a LAB or an Activity

To make your fundamental base very strong, you must perform activities or participate in lab sessions where you will be able to strengthen & apply your conceptual knowledge. You will not need to mug up concepts and this is very POWERFUL.





Once you have finished Fundamental Concepts, take a test.

Aim of test is- to be able to solve all fundamental questions right in given time.

### 3. Take a Test



Accelerate means- fasten your speed.

If you have Scholarminds Workbooks, your next practice starts at an Accelerator level. This is how the problems will look for Fractions in the accelerator level.

You will need different techniques to solve these problems. For example, to master Fractions, you will learn MODEL and BAR methods to visualize trickier problems.

See a Video on powerful BarModel Method-  
Go to Video Section on [www.Scholarminds.org](http://www.Scholarminds.org)

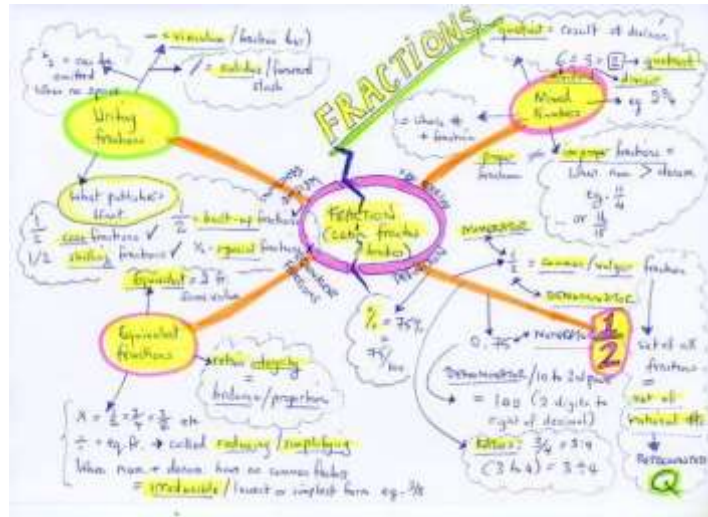


# 5. Move to Accelerator Section

# 6. Develop a Map Mind

Once you complete Fundamental and Accelerator levels, its time for a Mind map.

By now you have achieved a level of perfection in the particular topic. So draw a mind map which will help you reinforce all the different techniques and will be your powerful aid to move on to next task.



There are many mind mapping tools available online. But we recommend to DRAW your minds map. Use ScholarMinds Mind mapping sheets for added guidance.

After a mind map, now you can go to OLYMPIAD section of your workbooks ( which has a vast collection of problems and questions asked in various Olympiad exams). This makes an awesome practice bank on your LOG.

Find below worksheet for sample Olympiad problems on Fraction.

**Tips:**  
Olympiad problems are mainly of objective type.  
So you need to use **TECHNIQUES** Which you learnt at accelerator level  
Always use **TIMER** to solve these problems and record in your log

# 6. Move to Olympiad Section now

**Scholar-Minds**  
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**Level - Olympiad**  
**Mathematics - Worksheet - 01**

Choose the correct answer:

- Find the sum of all sides of the following rectangle. 

(A)  $\frac{317}{240}$  m    (B)  $\frac{320}{48}$  m    (C)  $\frac{35}{144}$  m    (D)  $\frac{355}{45}$  m
- Convert the improper fraction  $\frac{318}{27}$  into a mixed fraction.
 

(A)  $5\frac{22}{27}$     (B)  $27\frac{30}{8}$     (C)  $13\frac{2}{27}$     (D)  $27\frac{3}{18}$
- Convert the mixed fraction  $13\frac{2}{8}$  into an improper fraction.
 

(A)  $\frac{85}{8}$     (B)  $\frac{87}{8}$     (C)  $\frac{88}{7}$     (D)  $\frac{89}{8}$
- $A = \frac{5}{12}$ ,  $B = \frac{7}{12}$ , and  $C = \frac{3}{12}$ . Find the value of  $2A(B + C)$ .
 

(A)  $\frac{5}{9}$     (B)  $\frac{5}{4}$     (C)  $\frac{5}{6}$     (D)  $\frac{5}{8}$
- Which one of the following fraction should be subtracted from  $\frac{15}{27}$  such that the resulting fraction becomes  $\frac{1}{2}$ ?
 

(A)  $\frac{7}{27}$     (B)  $\frac{8}{18}$     (C)  $\frac{1}{8}$     (D)  $\frac{1}{18}$
- Which one of the following fraction should be added to  $\frac{37}{48}$  such the sum becomes  $\frac{3}{4}$ ?
 

(A)  $\frac{1}{5}$     (B)  $\frac{1}{9}$     (C)  $\frac{1}{9}$     (D)  $\frac{1}{3}$



# Your 3 hours per week Schedule

**1.5 hour:** Fundamental Learning, Labs & Mind Maps

**30 Min:** Worksheets

**1 hour:** Tests



Wait.  
Don't  
Chase  
Like  
This



# KNOW SOME FACTS

Before you start working HARD  
On your SMART GOAL





Mastering **Multiplication**  
**tables** till 100  
in just 5 days is  
**POSSIBLE**

If you are part of  Program



# Solving 100 Fraction Problems in just 30 minutes is **POSSIBLE**

If you are part of



Program



Remembering  
in-depth Science Concepts  
and complicated Charts  
easily is  
**POSSIBLE**



If you are part of



Program



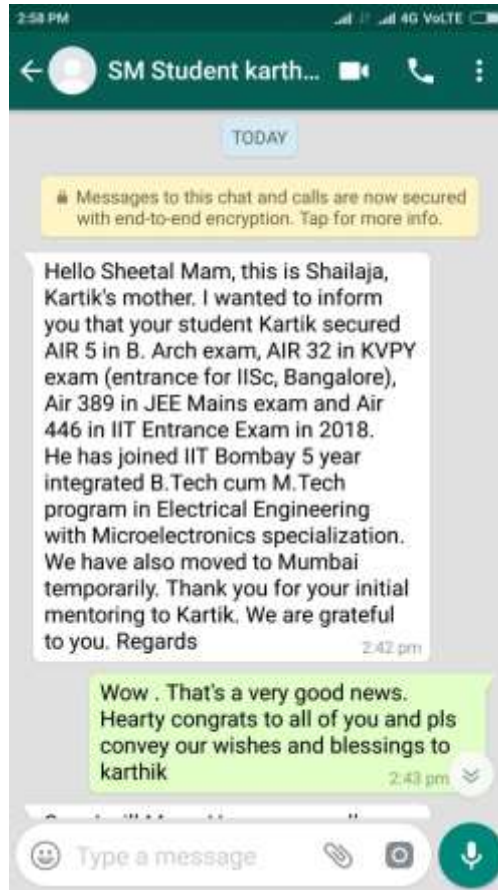
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## 2019 PROGRAMS

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Training Centres : VIGNAN NAGAR      C V RAMAN NAGAR      BASAVESHWAR NAGAR  
SANJAY NAGAR      PRESTIGE SHANTINIKETAN-WHITEFIELD      BRIGADE METROPOLIS-  
MAHADEVPURA      HSR LAYOUT-HARLUR ROAD      KANAKAPURA MAIN ROAD



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**THANK YOU**