



MarkSharks

Instructional Guide

HOW TO USE MARKSHARKS IN SCHOOL OR TUITION



MarkSharks has been designed to provide math and science support to students through learning by doing. This kinesthetic delivery enhances students' ability to retain information and master concepts.

Each lesson in MarkSharks is broken up into three types of screens: teaching screens, interactivities, and guided practice. Teaching screens provide an audio-visual presentation of content. Interactivities allow kids to kinesthetically interact with concepts presented in the teaching screens. Guided practice allows students to receive step-by-step guidance in solving each problem.

As a teacher or tutor, your role is to guide students as they work through MarkSharks on their own. They will get the most out of the product by working through it independently. However, your role is to make sure they are actively working through MarkSharks and to help clear any doubts they may have with concepts in the product.

Before beginning each chapter, students should assess their previous knowledge by taking the pre-test. Similarly, following completion of each chapter, they should take the post-test to determine whether they have mastered all concepts in the chapter.

In addition, the School Quiz allows you to create custom assessments that you can analyze in real time. Use our question bank to quickly create assessments. Upon student submission, you can analyze question-wise results to determine what concepts you would like students to revise or to go over with students.

Check out our instructional video

[Click here](#) or Scan this QR code



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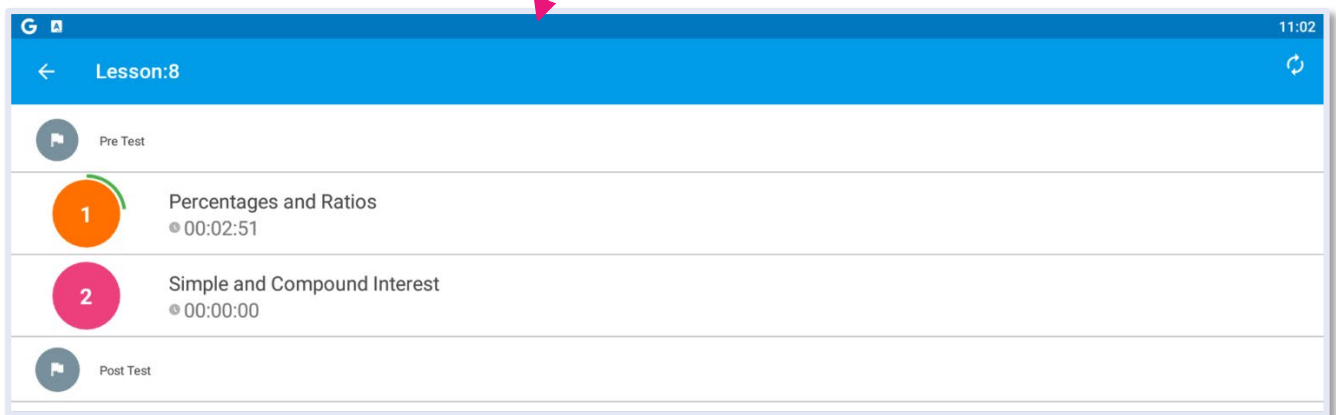
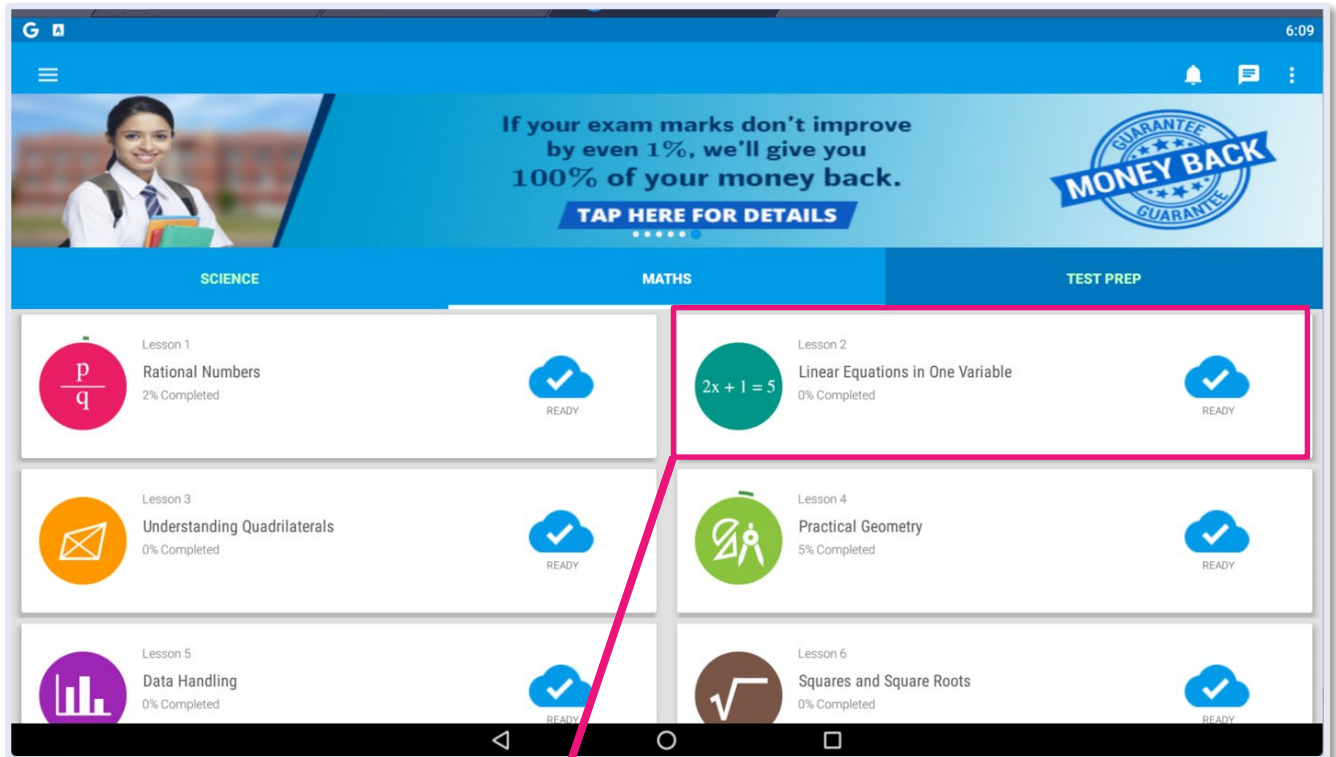
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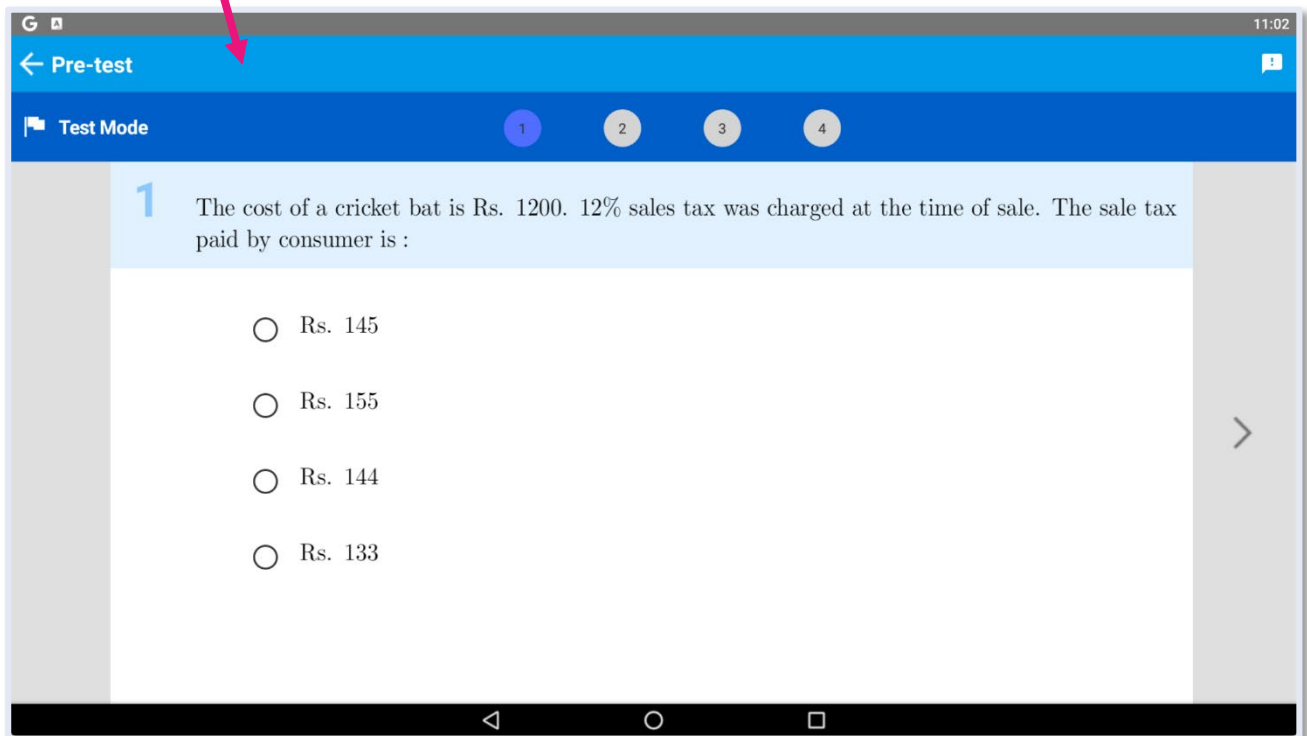
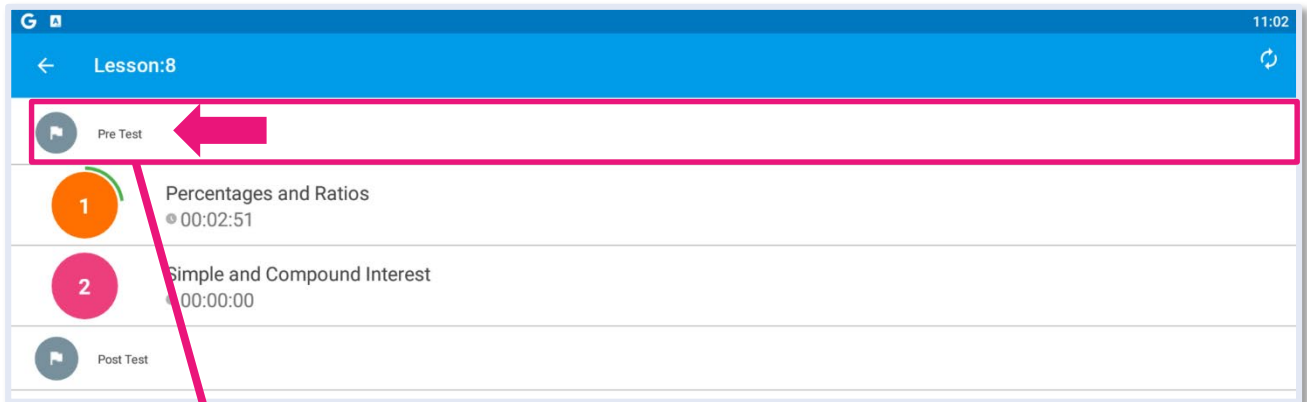
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Accessing Our Content

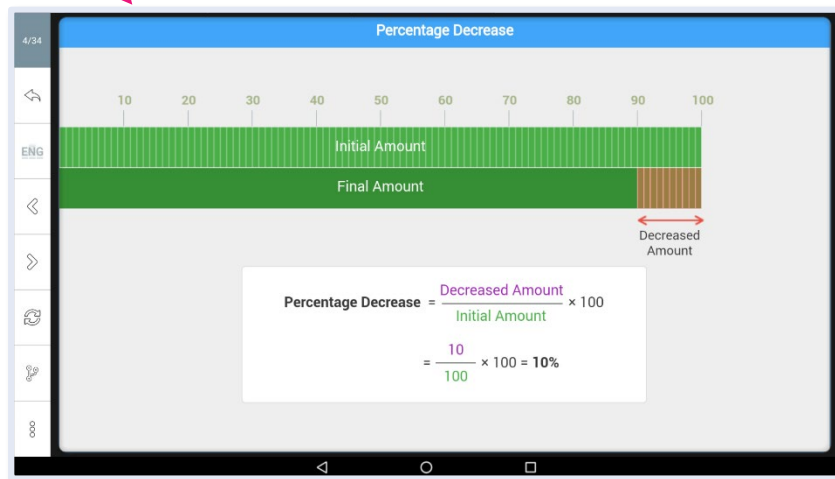
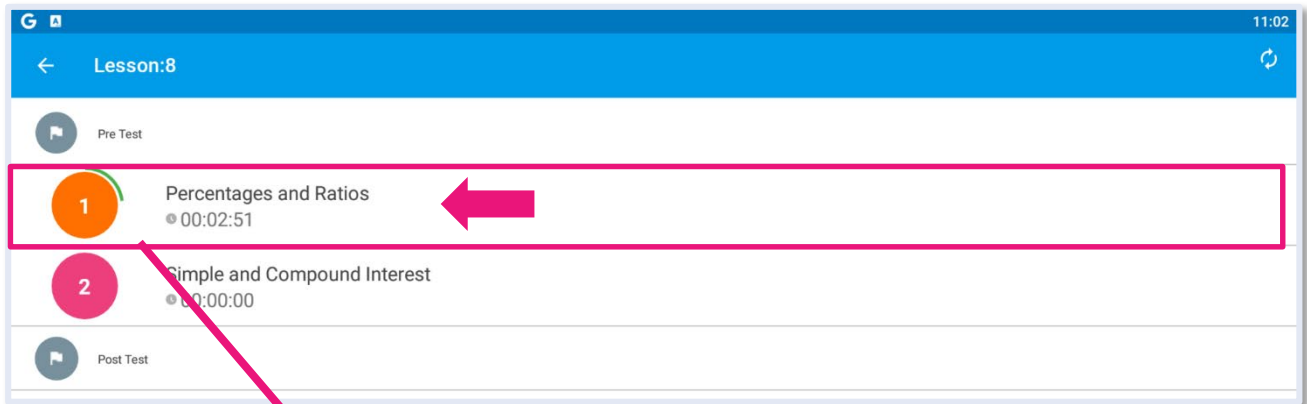
1. Select a chapter in the main page and view the topics screen



2. Take the pre-test



3. Go through the topics



16/34

Rajesh has an old laptop he bought for ₹ 32,500. He spends ₹ 2,700 on repairs. If he incurs a loss of 40% on the sale, what is the selling price of the laptop?

STEP 1 Identifying knowns and unknowns:

Total cost price = ₹ + ₹ = ₹

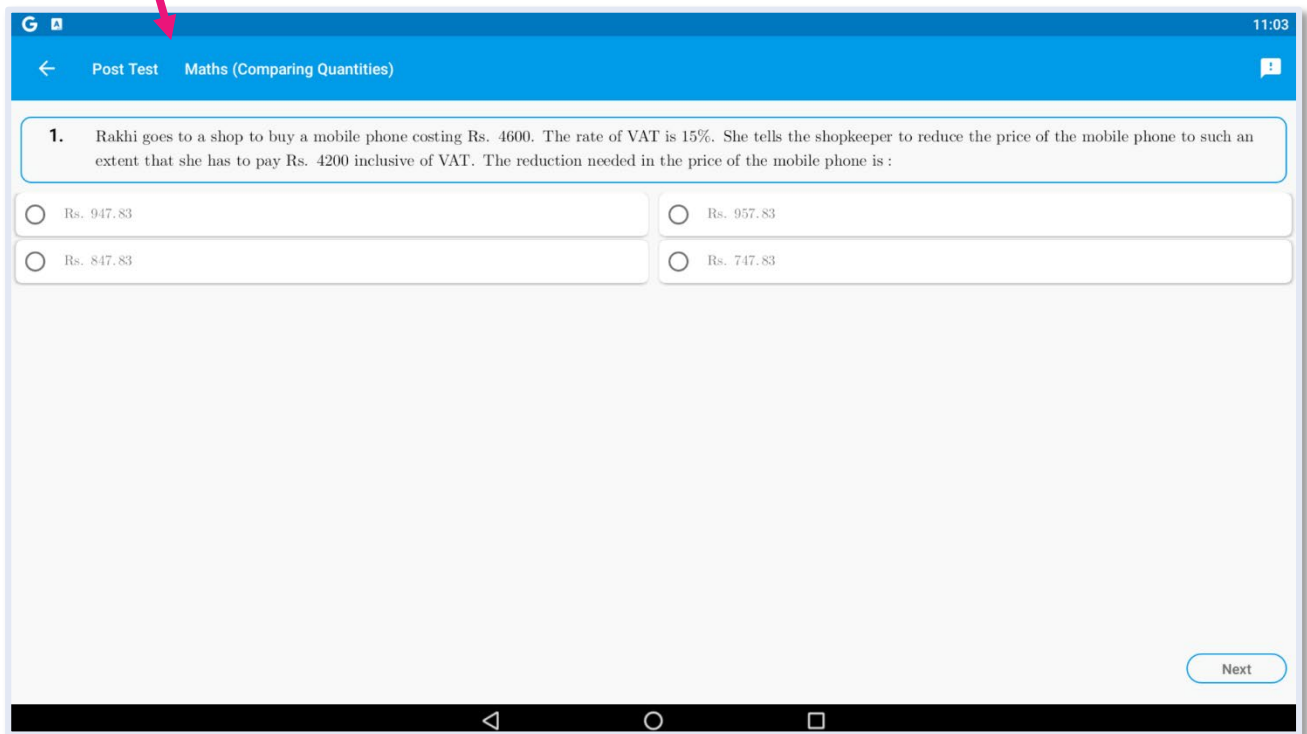
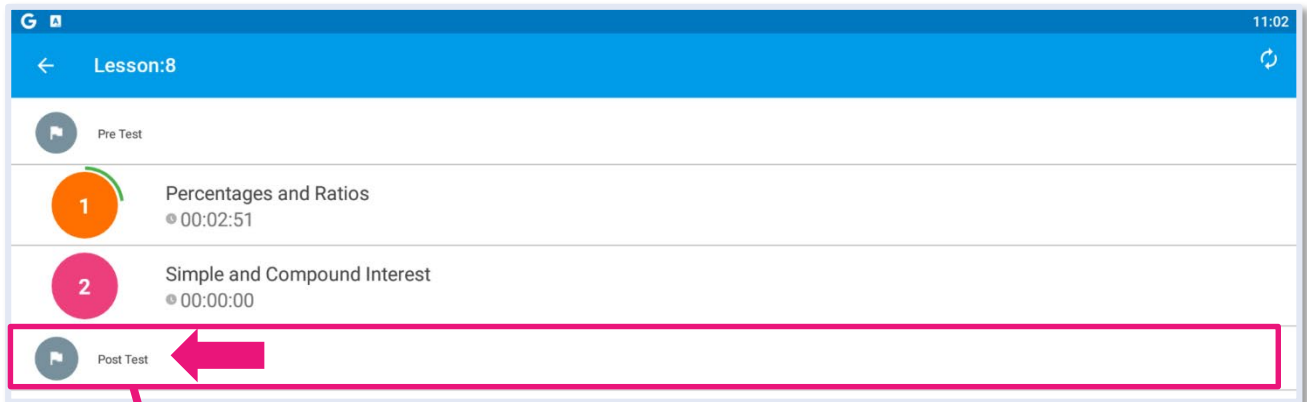
Loss percentage = %

Selling price = Unknown (to be calculated)

SHOW ANSWER CHECK

0 1 2
3 4 5
6 7 8
9 .

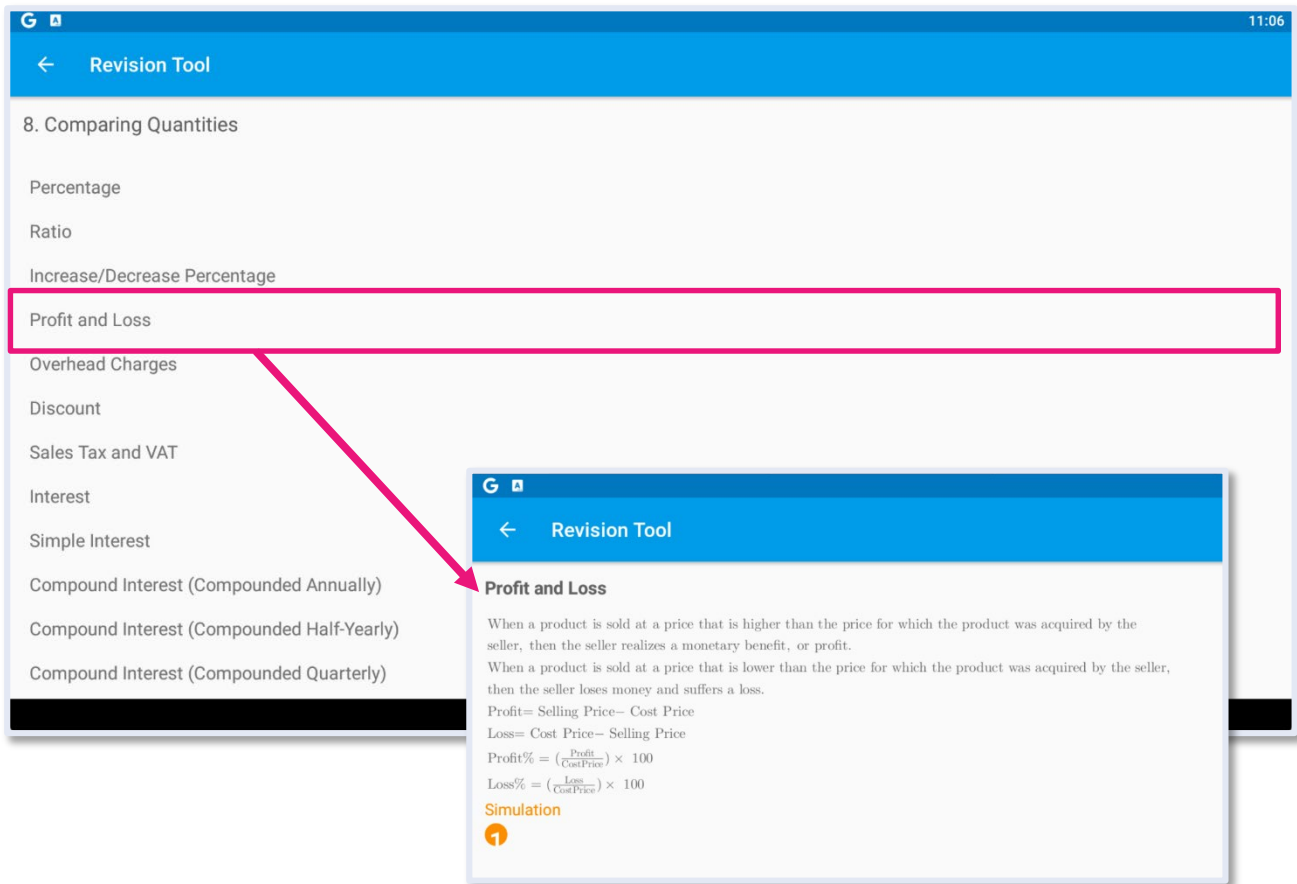
4. Take the post-test



Revision Tool

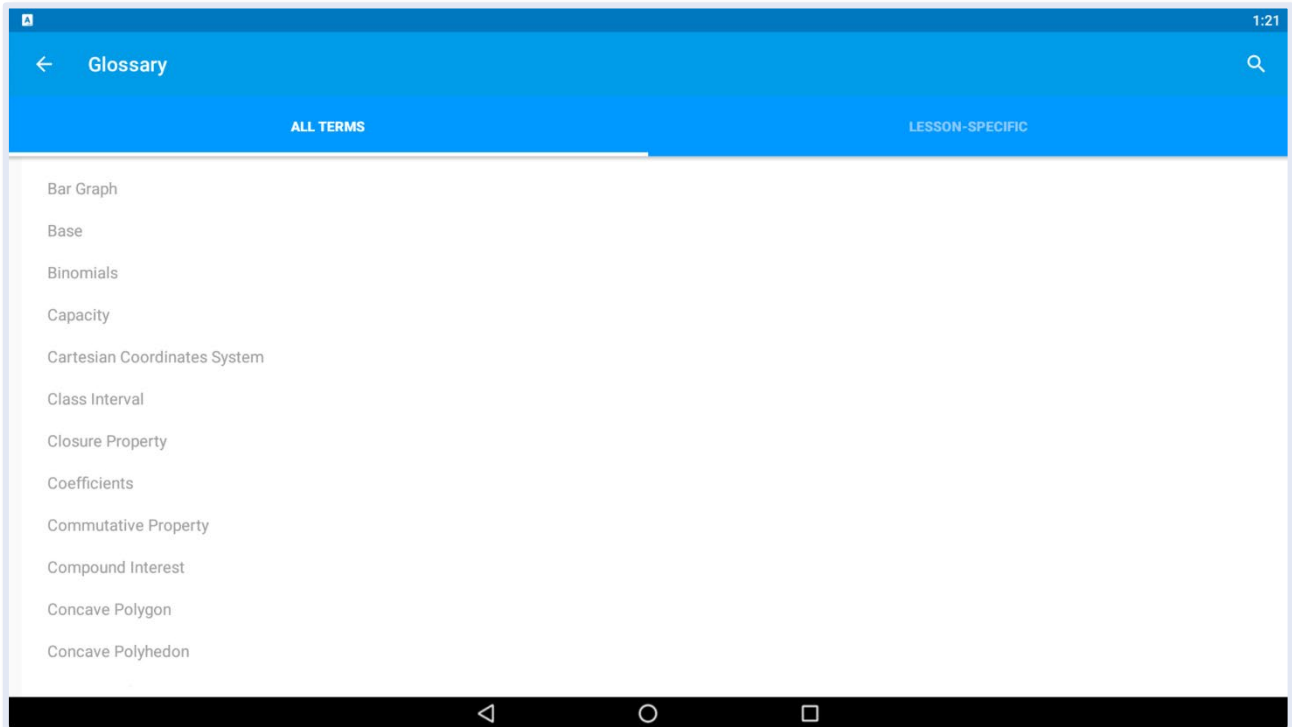
The revision tool is like an encyclopedia within MarkSharks. Users can find specific concepts they want to learn more about, which include pictures, equations, and definitions. Each concept is then linked to the page in the app where it is covered in the chapter.

To browse concepts, users can search in an alphabetical list of all the terms or they can view terms from the chapter they are associated with.



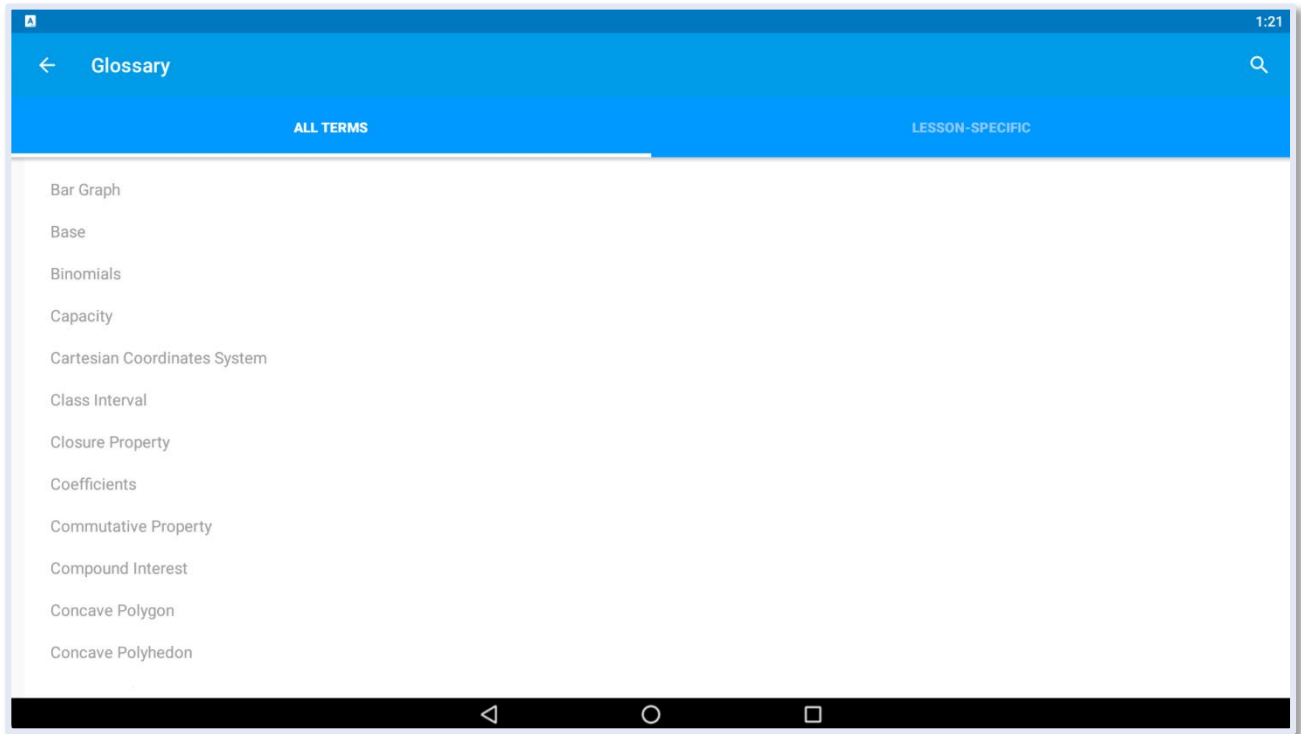
Glossary

The glossary provides definitions of all the important terms in the chapters



Bookmarking

Bookmarking is a useful tool for quickly getting to screens that you want to revisit.



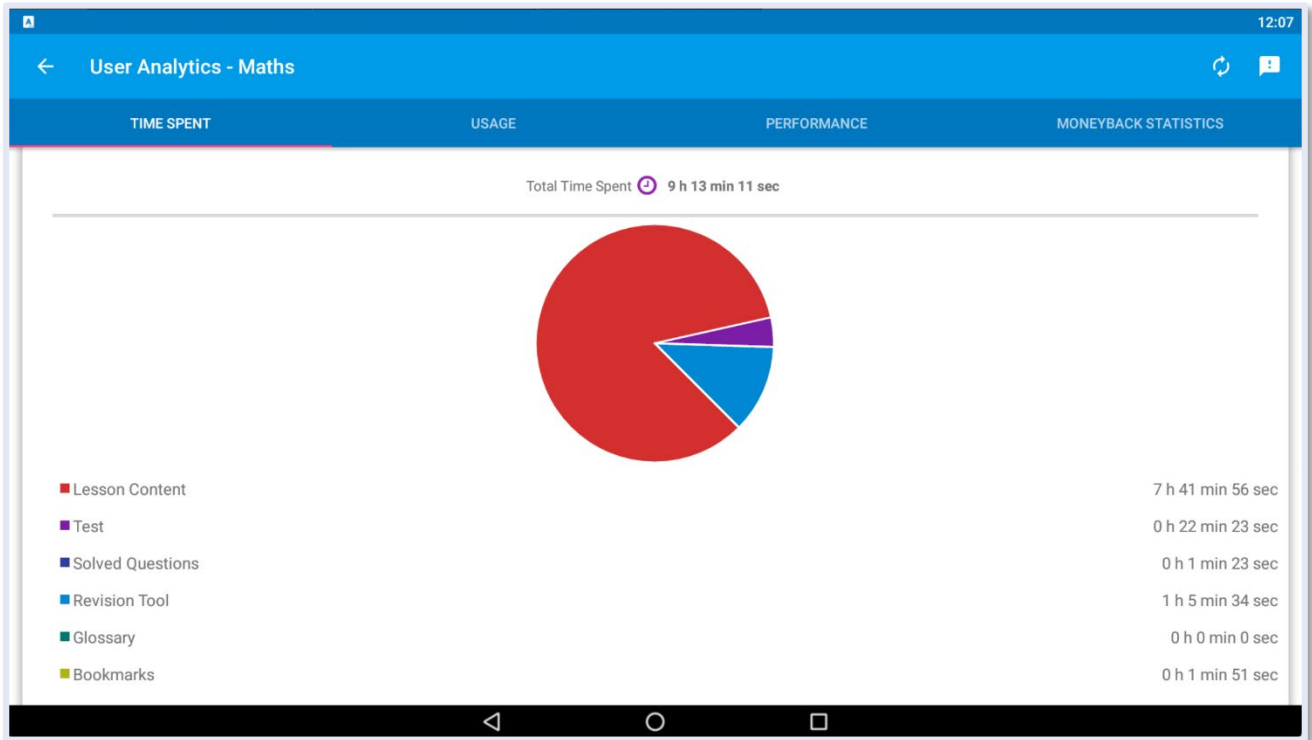
User Analytics

The User Analytics Tool is a useful way for users to check on their own progress.

A number of important statistics and data are included in this tool:

- Time Spent: Breakdown of how much time users have spend on MarkSharks and what they have spent their time on

- Usage: Breakdown of the day-wise usage for students based on number of sessions and minutes
- Performance: Provides overview of lesson completion and performance on pre- and post-tests
- Moneyback Statistics: This data keeps track of usage. If users do not improve their marks after using MarkSharks consistently, they will receive their money back



School Quiz

The School Quiz allows you to access assessments that have been created by your teacher or tutor. After submission, you can view your results on the home screen or review a specific quiz to see which questions you answered correctly and incorrectly.

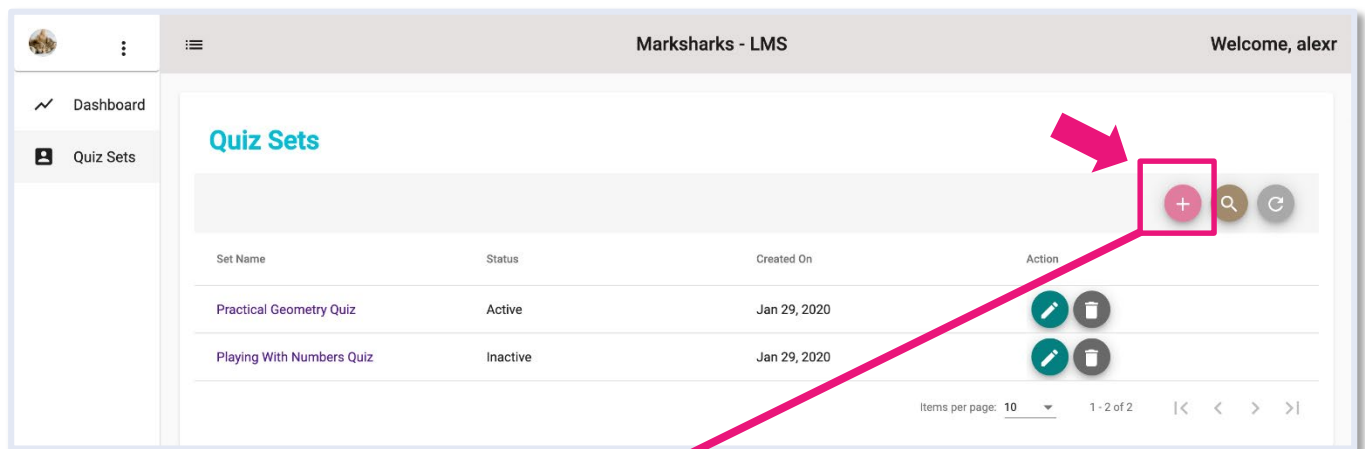
Accessing the School Quiz

To access the School Quiz, use the following web address:

<http://35.200.242.77:4001/#/login>

Creating an Assessment

1. Log in
2. Select "Quiz Sets" and then create a new assessment by selecting the red "+" sign



3. Select your assessment parameters
 - a. Duration
 - b. Status (**Active** means assessment is live to students; **Inactive** means students will not have access to assessment)
 - c. Set Type (choose academic)
 - d. Board

- e. Grade
- f. Section (section)
- g. Subject
- h. Lesson
- i. Topics

Add Quiz Set

Quiz Set Data

Quiz Set Name (required)
Sample Quiz

Number of questions selected
3

Duration (in minutes) (required)
30

Status (required)
Active

Set Type
Academic

Board Class Section Subjects Lessons Topic
CBSE Grade 8 A Maths Rational Numbers (1), Li... All, Properties of Ration...

Question 1 (Level 1) (Lesson - Rational Numbers >> Properties of Rational Numbers)

To get the product 1, we should multiply $\frac{2}{5}$ by:

Processing math: 100% © 2019 OKS

4. Select your questions

Question 3 (Level 1) (Lesson - Rational Numbers >> Properties of Rational Numbers)

multiplicative inverse of $1\frac{2}{3}$ is:

a. $-\frac{9}{11}$
b. $-\frac{7}{9}$
c. $-\frac{9}{11}$
d. 9

Right Answer:
c. $-\frac{9}{11}$

Question 4 (Level 1) (Lesson - Rational Numbers >> Properties of Rational Numbers)

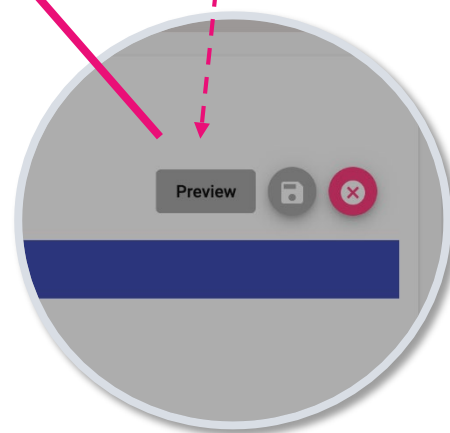
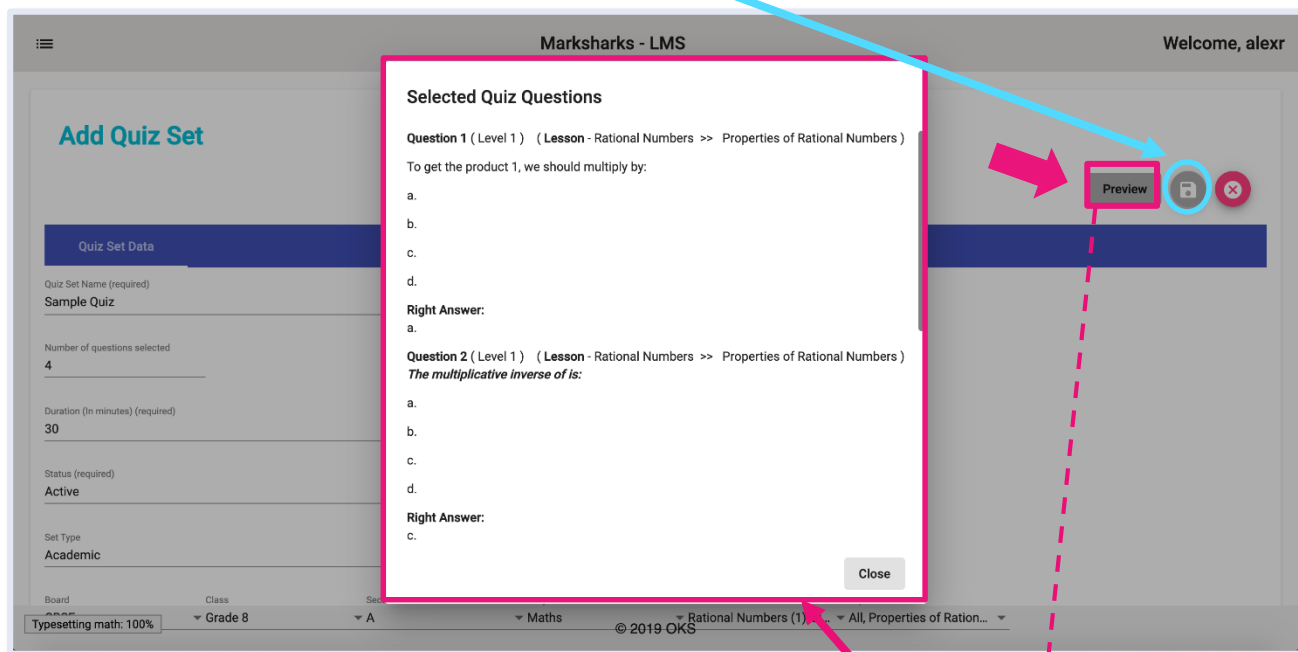
If a is any rational number, then $a + 0$ is equal to:

a. $-a + 0$
b. 0
c. a
d. 1

Right Answer:
c. a

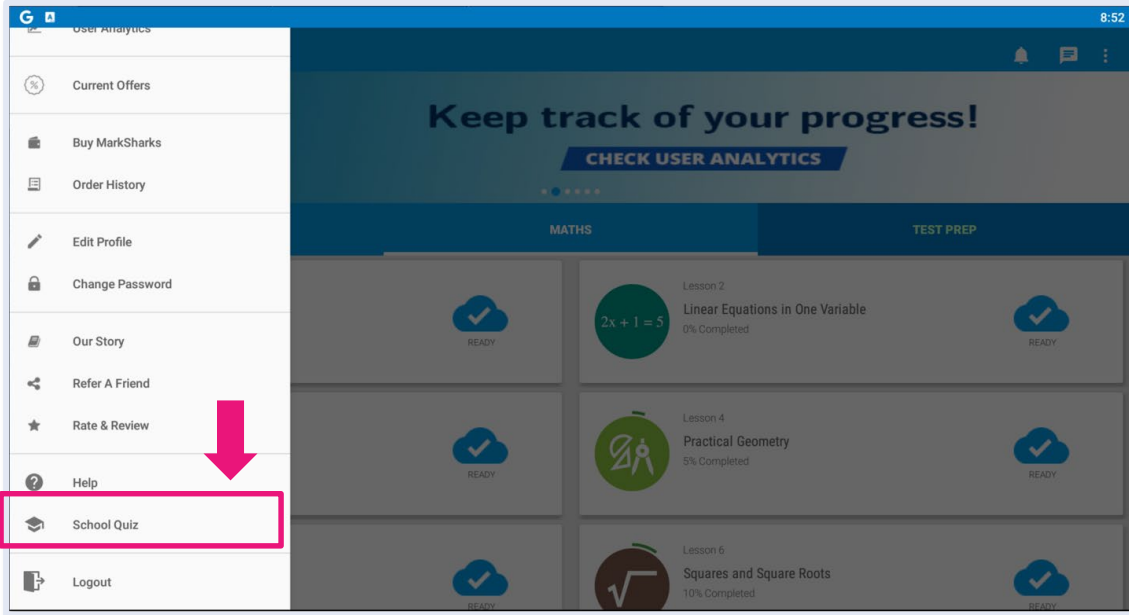
5. Preview and Submit

- a. Previewing allows you to view all the questions you've selected in the order students will see them
- b. To submit, select the **save button**

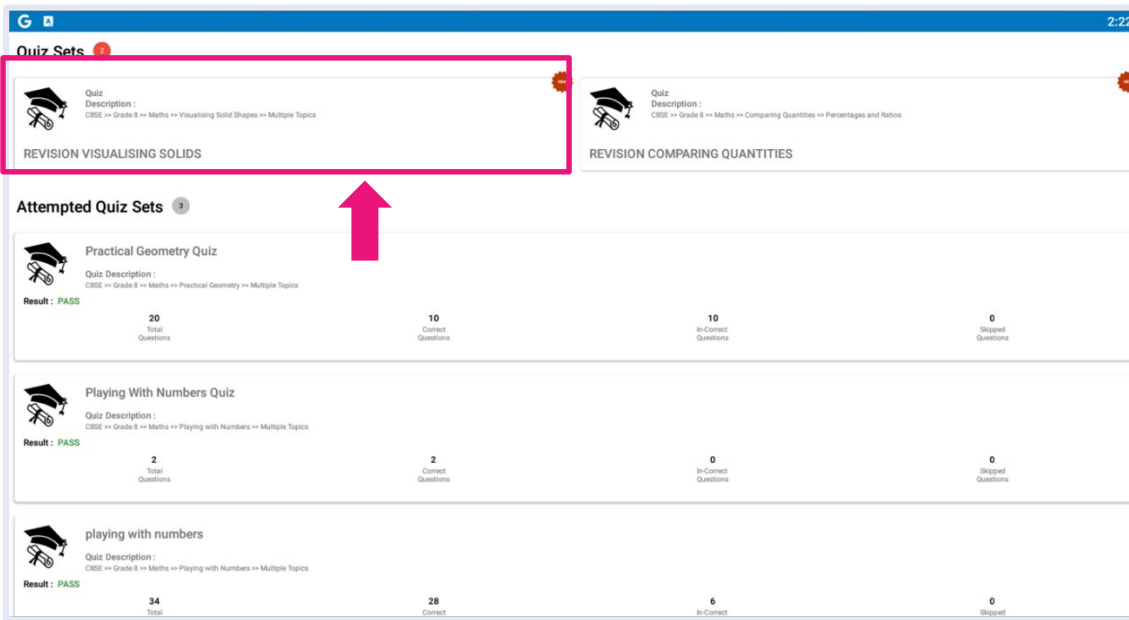


Taking an Assessment (For Students)

1. Select "School Quiz" from the sidebar menu in the app

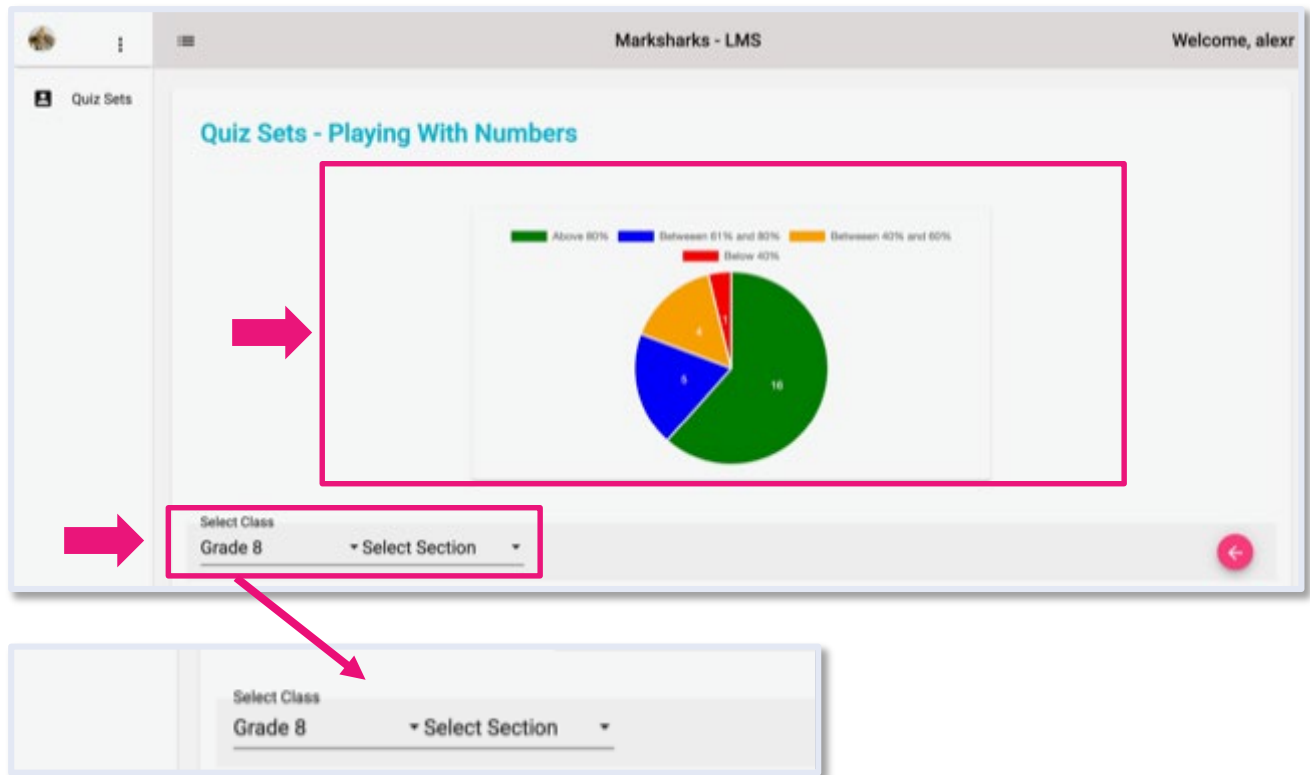


2. Select the quiz you are taking and begin



Analyzing Assessment Data

1. Log in and select your assessment
2. View overall performance results. Filter results by class section



3. View individual student results

Name	Total Attempted	Total Correct	Total Incorrect	Total Skipped	Time Spent (In minutes)	% age	Attempted On
DALPAT SINGH CHAUHAN20		9	11	0	7	45	Jan 29, 2020
HARSH KUMAR	20	9	10	1	9	45	Jan 29, 2020
ABHISHEK KUMAR YADAV20		6	9	5	10	30	Jan 29, 2020
VYAS RUCHA	20	9	10	1	11	45	Jan 29, 2020
RAVINA KUMARI	20	9	9	2	12	45	Jan 29, 2020
PRANJAL BHARTI	20	8	10	2	12	40	Jan 29, 2020
SHIVAM SURESH PAGAR	20	12	7	1	14	60	Jan 29, 2020
KARUNA CHOURASIA	20	19	1	0	14	95	Jan 29, 2020
ANSHUM BG	20	18	1	1	14	90	Jan 29, 2020
AMAN SINGH TOMAR	20	8	12	0	7	40	Jan 29, 2020

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4. View class results by question

Quiz Questions

Question 1:
Given four distinct quadrilaterals- a trapezium, a square, a rectangle (different from a square), and a rhombus. The quadrilaterals from the given set having diagonals perpendicular to each other are:

Category	Count
Correct	21
Incorrect	12
Skipped	5

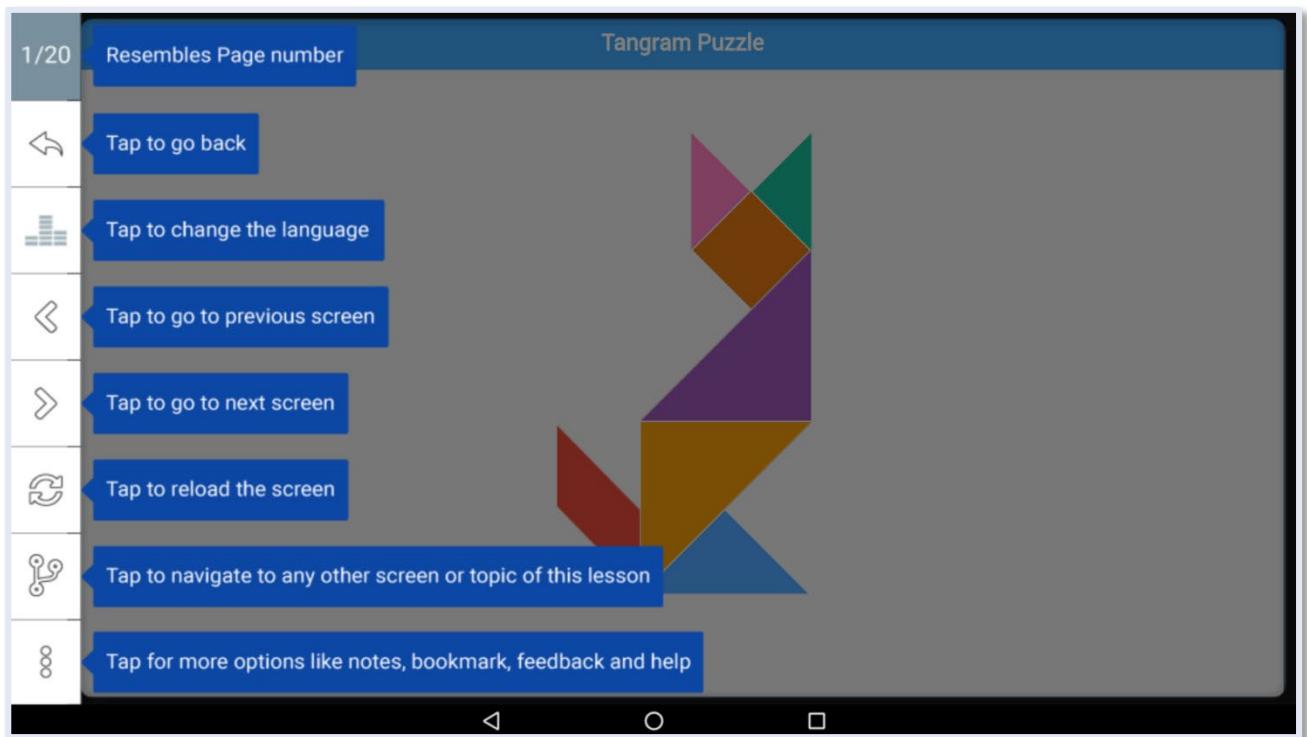
Question 2:
A quadrilateral is a polygon with:

Category	Count
Correct	34
Incorrect	1
Skipped	1

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Help Screens

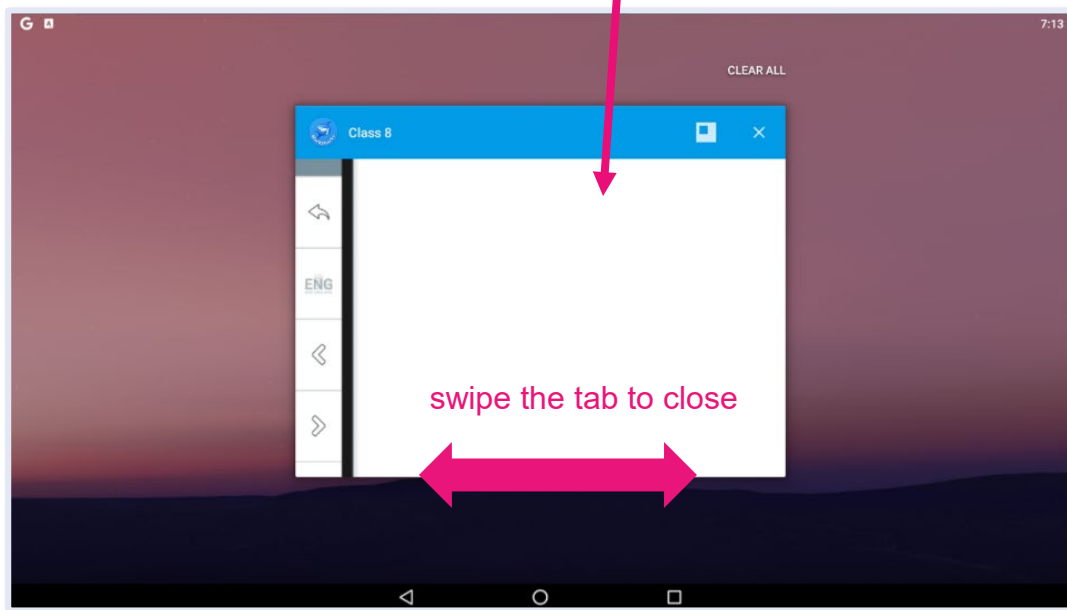
This screen provides basic instructions on how to navigate through MarkSharks



Troubleshoot Common Problems

Blank Screen

1. Fix this by selecting the square button and swiping the tab to close MarkSharks
2. Reopen MarkSharks and return to the chapter where you left off



CONTACT US

011-40844778

teacher@marksharks.com