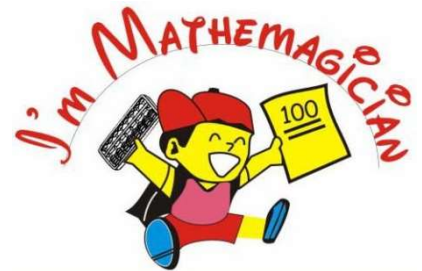




केन्द्रीय विद्यालय संगठन  
आंचलिक शिक्षा एवं प्रशिक्षण संस्थान, मुंबई  
**KENDRIYA VIDYALAYA SANGATHAN**  
ZONAL INSTITUTE OF EDUCATION AND TRAINING, MUMBAI



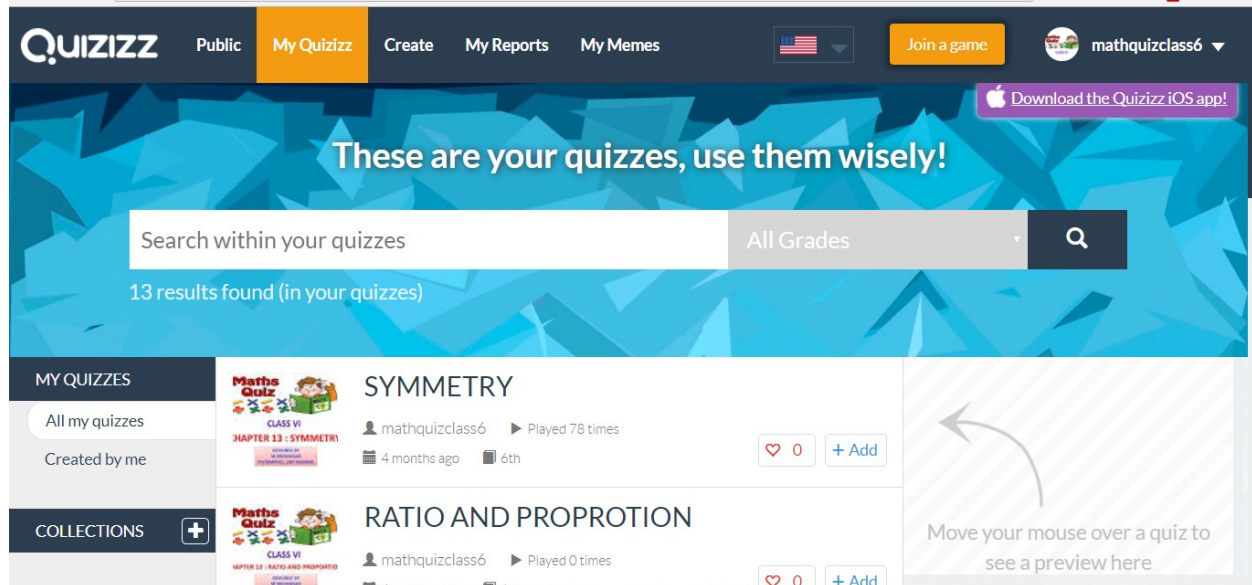
# MATH QUIZ FOR CLASSES VI TO X



**DESIGNED BY**

**M.SRINIVASAN, TRAINING ASSOCIATE (MATHS)**

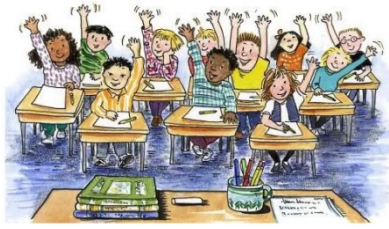
**ZIET MUMBAI**



Math Online Quiz in all the chapters of Classes VI to X, NCERT text book is designed using the website [www.quizizz.com](http://www.quizizz.com) which is freely available.

10 questions from each chapter are designed as a sample which can be extended by the teachers.

We appreciate the commendable work by the team members of [www.quizizz.com](http://www.quizizz.com) in developing this website and grateful to them for allowing us to use the same free of cost.



## ONLINE MATH QUIZ GAMIFIED CLASSROOM QUIZZES

**"If I have ever made any valuable discoveries, it has been due more to patient attention, than to any other talent" --- Isaac Newton**

The students for sure learn a lot of things in school. The students are cinched to discover, develop and hone skills that will be helpful later in life. The various subjects taught at schools are also expected to give the students vast knowledge and wisdom. Aside from diplomas and certificates which help a lot in job hunting in the years to come, the school will also equip the students with intangible yet priceless things like learning how to socialize, how to analyze, how to find out the most substantial solutions to problems, how to make concrete decisions and the list goes on.

During his stay in school a student who performed academically are inclined to join extracurricular activities whether it is related to academics, sports, social engagements, environment and the like. Extracurricular activities like quiz competition is not an exception especially for those who have showcased immense wit on different field of endeavors

A quiz is a game which can also be called a mind sport wherein the players, either as individuals or in teams attempt to answer questions posed to them correctly, in order to win a prize.

The objective of every school quizzing competition is to encourage students to look beyond their textual knowledge and establish a relationship between theory and application of the learnt concepts. A quiz is also a brief assessment used in education and similar fields to measure growth in knowledge, abilities, and/or skills.

The **Maths Quiz** tests one's knowledge of significance of mathematics in our day to day life, from finance to culture, religion to entertainment, in almost every aspect of life. And sometimes merely theoretical knowledge is not enough to be the ultimate champ, you also require master skills in various math related games and puzzles.

## Advantages of Quizzes

- ❖ Quizzes improve or expanding one's knowledge of things, either general or in specific area
- ❖ Quizzes are designed to promote, a fun way to study and in the process help improve one's general knowledge
- ❖ Quiz competitions enables students to think from different angles or simply 'to think out of the box'
- ❖ It promotes a healthy debate amongst participants in order to learn from each other
- ❖ Quiz competitions are used in Schools and Universities to aid in language development and in particular subject areas of study
- ❖ Some educational institutes use it as a brief assessment or tool to measure the growth in the knowledge, abilities and / or skills of their pupils either on a general level or restricted to specific fields for instance, science, maths etc
- ❖ Aiding in language development with the questions based in the language alone
- ❖ Aiding in the team building process
- ❖ Being fun to participate in but with a competitive element
- ❖ Provoking discussion and healthy debate amongst participating players / teams
- ❖ Aiding to relieve the tension of the daily work routine
- ❖ Promoting group harmony, whether in organisations, schools or just a group of friends
- ❖ Making new friends, from different cultures at times

- ❖ Likewise spelling bees improve the student's spellings and vocabulary
- ❖ Quiz competitions even help build the student's soft skills
- ❖ Math Quiz questions in all the chapters of classes VI to X is designed which can be used in the class room teaching to test and enrich the knowledge of students.

I sincerely thank our Director Madam, MsUsha Aswathlyer for her continuous support and encouragement in completing this assignment.

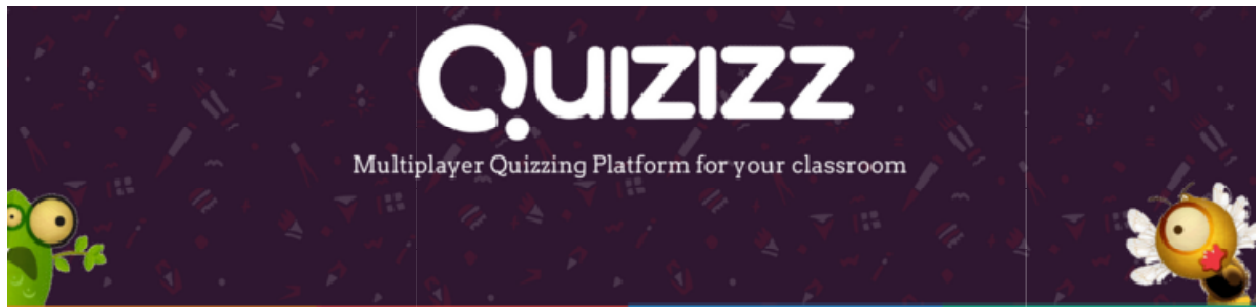
Your valuable suggestions and feedback will help to improve the presentation.

**M. SRINIVASAN**

**Training Associate (MATHS)**

**ZIET MUMBAI**

E-mail: [srinivasan.pgt.kvs@gmail.com](mailto:srinivasan.pgt.kvs@gmail.com)



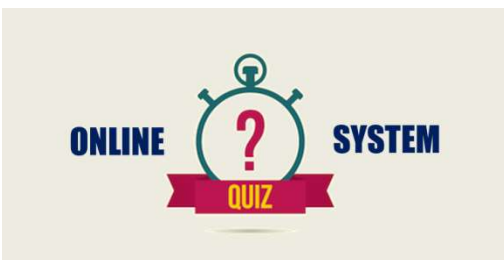
## About Online Math Quiz

- ✓ The online Math Quiz in all chapters of classes VI to X is designed using the website [www.quizizz.com](http://www.quizizz.com).
- ✓ **Links are given** chapter wise.
- ✓ No projector is necessary because **players see questions and answer options on their own computer / laptop/ iPad / smart phones screens.**
- ✓ ***The question order and the answers to each question is randomized*** for each student, so it's no easy for players to cheat
- ✓ Players don't have to wait for the whole class to answer a question before they continue to the next one.
- ✓ When you host a Quizizz game, you get to see a **real-time view** of the game's results.
- ✓ Quizizz shows the total number of questions that have been answered correctly and incorrectly. Quizizz also displays real-time progress bars for each player.
- ✓ At a glance you can see how many questions a player has got right, answered incorrectly, and have left to answer.
- ✓ Since Quizizz does not rely on the whole class seeing questions projected on a big screen, Quizizz games have the "homework" option which can keep the quiz open for up to two weeks. With this option, Quizizz games can be assigned as homework or be part of a learning station or center.



# FEATURES ON QUIZZZ.COM




- ✚ We can browse amazing quizzes made by other teachers, or create our own quizzes and share them with the world!
- ✚ We can start a "Live" game in class, or assign Quizizz as a fun "Homework" task. We can control the competition by toggling the leaderboard, timer and other settings.
- ✚ Students play together, but each at their own pace. Gamification elements like avatars, leaderboard and funny memes add to the fun! Review your work in the end.
- ✚ We can use our detailed class and student-level reports to understand where your students need help.
- ✚ Quizizz is a fun multiplayer classroom activity that allows all our students to practice together.
- ✚ Quizizz works on all devices with a browser, including computers, tablets & smartphones. It also has an iOS app and Chrome app.
- ✚ Each student/team needs one device.
- ✚ Students can directly join a quiz with a game code and no need to have a separate account to play the quiz.
- ✚ We can create and share the quizzes with your peers



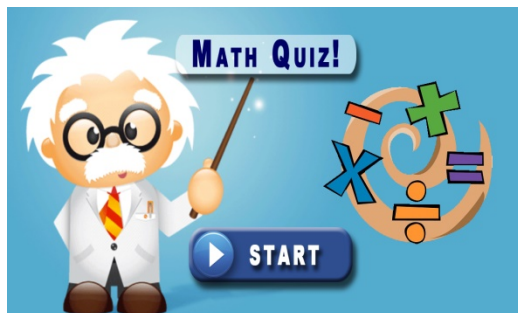
# STEPS TO USE ONLINE MATH QUIZ

- The link to open for every chapter of classes VI to X is given against each chapter
- Internet connection is required to open the link. Kindly ensure the computers are connected to internet.
- If the game is to be played by a number of students each computer is to be connected with internet.
- Press Ctrl+click to open the required link
- The link opens the website [www.quizizz.com](http://www.quizizz.com) where the question for the particular class & chapter is designed.
- The person who opens the link will be the admin for conducting the quiz.

## TUTORIAL TO PLAY QUIZ

1	Power Point Presentation on 'How to Play Quiz'	 HOW TO PLAY QUIZ.pptx <b>(Double click to open the PPT)</b>
2	PDF file on 'How to Play quiz'	 HOW TO PLAY QUIZ.pdf <b>(Double Click to open the PDF)</b>
3	YouTube link to open video tutorial	<a href="https://www.youtube.com/watch?v=HdCDpNKQe3s">https://www.youtube.com/watch?v=HdCDpNKQe3s</a> <b>(Ctrl + Click to open the link)</b> <b>(Internet connection required to view the video)</b>
4	Quiz Questions for all classes in PDF	 QUIZ QUESTIONS ALL CLASSES.rar <b>(Double click to open the zipped folder)</b>

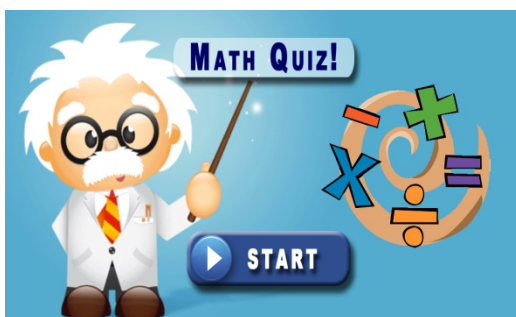




# ONLINE MATH QUIZ

## CLASS VI

Chapter Number	Chapter	Link to open the online quiz (Ctrl + Click to open the link)
1	Knowing our numbers	<a href="https://www.quizizz.com/admin/quiz/58b6a184ecf9ac3848bb8683">https://www.quizizz.com/admin/quiz/58b6a184ecf9ac3848bb8683</a>
2	Whole numbers	<a href="https://www.quizizz.com/admin/quiz/58b79ded04c76e6848930afd">https://www.quizizz.com/admin/quiz/58b79ded04c76e6848930afd</a>
3	Playing with numbers	<a href="https://www.quizizz.com/admin/quiz/58b7a2029ed6182e48be8699">https://www.quizizz.com/admin/quiz/58b7a2029ed6182e48be8699</a>
4	Basic geometrical ideas	<a href="https://www.quizizz.com/admin/quiz/58b7aa97f1f1ca4e482918f7">https://www.quizizz.com/admin/quiz/58b7aa97f1f1ca4e482918f7</a>
5	Understanding elementary shapes	<a href="https://www.quizizz.com/admin/quiz/58b7acd26e0a3fb648c7c17e">https://www.quizizz.com/admin/quiz/58b7acd26e0a3fb648c7c17e</a>
6	Integers	<a href="https://www.quizizz.com/admin/quiz/58b7b10104c76e6848930df0">https://www.quizizz.com/admin/quiz/58b7b10104c76e6848930df0</a>
7	Fractions	<a href="https://www.quizizz.com/admin/quiz/58b7bda06e0a3fb648c7c2a7">https://www.quizizz.com/admin/quiz/58b7bda06e0a3fb648c7c2a7</a>
8	Decimals	<a href="https://www.quizizz.com/admin/quiz/58b7c40baa3a7592482d8bf1">https://www.quizizz.com/admin/quiz/58b7c40baa3a7592482d8bf1</a>
9	Data handling	<a href="https://www.quizizz.com/admin/quiz/58b7e40b9ed6182e48be8dc6">https://www.quizizz.com/admin/quiz/58b7e40b9ed6182e48be8dc6</a>



# ONLINE MATH QUIZ

## CLASS VI

Chapter Number	Chapter	Link to open the online quiz (Ctrl + Click to open the link)
10	Mensuration	<a href="https://www.quizizz.com/admin/quiz/58bba6dd85db1444218d4505">https://www.quizizz.com/admin/quiz/58bba6dd85db1444218d4505</a>
11	Algebra	<a href="https://www.quizizz.com/admin/quiz/58bbaa847d6b2a0121b382cc">https://www.quizizz.com/admin/quiz/58bbaa847d6b2a0121b382cc</a>
12	Ratio and proportion	<a href="https://www.quizizz.com/admin/quiz/58bbae607b9d8f6553dfda16">https://www.quizizz.com/admin/quiz/58bbae607b9d8f6553dfda16</a>
13	Symmetry	<a href="https://www.quizizz.com/admin/quiz/58bbb1fc85db1444218d4525">https://www.quizizz.com/admin/quiz/58bbb1fc85db1444218d4525</a>



# ONLINE MATH QUIZ

## CLASS VII

Chapter Number	Chapter	Link to open the online quiz (Ctrl + Click to open the link)
1	Integers	<a href="http://quizizz.com/admin/quiz/577a0839b90901c337f368b0">http://quizizz.com/admin/quiz/577a0839b90901c337f368b0</a>
2	Fractions and Decimals	<a href="http://quizizz.com/admin/quiz/577a2fc4981a117e5cbff00d">http://quizizz.com/admin/quiz/577a2fc4981a117e5cbff00d</a>
3	Data Handling	<a href="http://quizizz.com/admin/quiz/577a363a981a117e5cbff98d">http://quizizz.com/admin/quiz/577a363a981a117e5cbff98d</a>
4	Simple Equations	<a href="http://quizizz.com/admin/quiz/577a4c797b18b05120659488">http://quizizz.com/admin/quiz/577a4c797b18b05120659488</a>
5	Lines and Angles	<a href="http://quizizz.com/admin/quiz/577df1674c3ef2675c25952d">http://quizizz.com/admin/quiz/577df1674c3ef2675c25952d</a>
6	Triangle and its properties	<a href="http://quizizz.com/admin/quiz/577e38224c3ef2675c259d33">http://quizizz.com/admin/quiz/577e38224c3ef2675c259d33</a>
7	Congruence of triangles	<a href="http://quizizz.com/admin/quiz/577e3fe24c3ef2675c259da6">http://quizizz.com/admin/quiz/577e3fe24c3ef2675c259da6</a>
8	Comparing Quantities	<a href="http://quizizz.com/admin/quiz/577f42ccb37e8fd15a7d184f">http://quizizz.com/admin/quiz/577f42ccb37e8fd15a7d184f</a>
9	Rational Numbers	<a href="http://quizizz.com/admin/quiz/577f4dc6b37e8fd15a7d18bc">http://quizizz.com/admin/quiz/577f4dc6b37e8fd15a7d18bc</a>
11	Perimeter and area	<a href="http://quizizz.com/admin/quiz/577f7050b37e8fd15a7d2295">http://quizizz.com/admin/quiz/577f7050b37e8fd15a7d2295</a>



# ONLINE MATH QUIZ

## CLASS VII

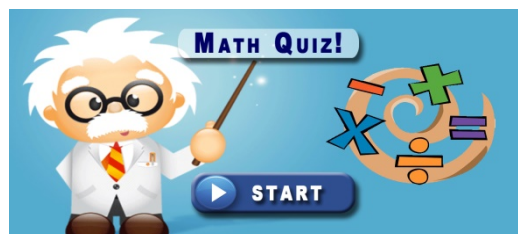
Chapter Number	Chapter	Link to open the online quiz (Ctrl + Click to open the link)
12	Algebraic Equations	<a href="http://quizizz.com/admin/quiz/577f7e38b37e8fd15a7d2953">http://quizizz.com/admin/quiz/577f7e38b37e8fd15a7d2953</a>
13	Exponents and Powers	<a href="http://quizizz.com/admin/quiz/578323b7981a117e5cc11241">http://quizizz.com/admin/quiz/578323b7981a117e5cc11241</a>
14	Symmetry	<a href="http://quizizz.com/admin/quiz/57832b66981a117e5cc1125c">http://quizizz.com/admin/quiz/57832b66981a117e5cc1125c</a>
15	Visualizing solid shapes	<a href="http://quizizz.com/admin/quiz/5783609a981a117e5cc12143">http://quizizz.com/admin/quiz/5783609a981a117e5cc12143</a>



# ONLINE MATH QUIZ

## CLASS VIII

Chapter Number	Chapter	Link to open the online quiz (Ctrl + Click to open the link)
1	Rational Numbers	<a href="http://quizizz.com/admin/quiz/57836ddf981a117e5cc12280">http://quizizz.com/admin/quiz/57836ddf981a117e5cc12280</a>
2	Linear equations in one variable	<a href="http://quizizz.com/admin/quiz/5783796c981a117e5cc1233e">http://quizizz.com/admin/quiz/5783796c981a117e5cc1233e</a>
3	Understanding Quadrilateral	<a href="http://quizizz.com/admin/quiz/5784b216a30a491f6bab7522">http://quizizz.com/admin/quiz/5784b216a30a491f6bab7522</a>
5	Data Handling	<a href="http://quizizz.com/admin/quiz/57875c8a162e35ae741913a8">http://quizizz.com/admin/quiz/57875c8a162e35ae741913a8</a>
6	Squares and Square roots	<a href="http://quizizz.com/admin/quiz/5788bef2498ecdfc2e579283">http://quizizz.com/admin/quiz/5788bef2498ecdfc2e579283</a>
7	Cubes and cube roots	<a href="http://quizizz.com/admin/quiz/578c64a31586ece673f76587">http://quizizz.com/admin/quiz/578c64a31586ece673f76587</a>
8	Comparing Quantities	<a href="http://quizizz.com/admin/quiz/578c78fc1586ece673f76dcc">http://quizizz.com/admin/quiz/578c78fc1586ece673f76dcc</a>
8 A	Compound Interest	<a href="http://quizizz.com/admin/quiz/578ca2ae4c3ef2675c27899c">http://quizizz.com/admin/quiz/578ca2ae4c3ef2675c27899c</a>



# ONLINE MATH QUIZ

## CLASS VIII

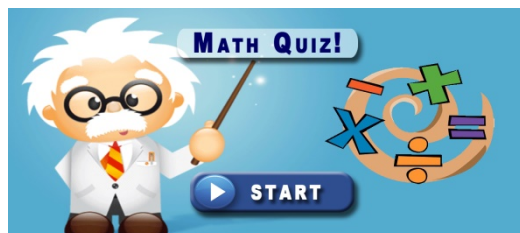
Chapter Number	Chapter	Link to open the online quiz (Ctrl + Click to open the link)
9	Algebraic expressions and identities	<a href="http://quizizz.com/admin/quiz/578caf334c3ef2675c278b1d">http://quizizz.com/admin/quiz/578caf334c3ef2675c278b1d</a>
10	Visualizing Solid Shapes	<a href="http://quizizz.com/admin/quiz/578dac977ac6e0c101341bbf">http://quizizz.com/admin/quiz/578dac977ac6e0c101341bbf</a>
11	Mensuration	<a href="http://quizizz.com/admin/quiz/578dbe477ac6e0c101341c2c">http://quizizz.com/admin/quiz/578dbe477ac6e0c101341c2c</a>
12	Exponents and Powers	<a href="http://quizizz.com/admin/quiz/578dcd4b7ac6e0c101341c7f">http://quizizz.com/admin/quiz/578dcd4b7ac6e0c101341c7f</a>
13	Direct and Inverse Proportion	<a href="https://www.quizizz.com/admin/quiz/595e18f4b58ae111004211a7">https://www.quizizz.com/admin/quiz/595e18f4b58ae111004211a7</a>
14	Factorization	<a href="https://www.quizizz.com/admin/quiz/59608ab4d582151000dad516">https://www.quizizz.com/admin/quiz/59608ab4d582151000dad516</a>
15	Introduction to Graphs	<a href="https://www.quizizz.com/admin/quiz/5961d12cb58ae111004270bd">https://www.quizizz.com/admin/quiz/5961d12cb58ae111004270bd</a>
16	Playing with Numbers	<a href="https://www.quizizz.com/admin/quiz/59731ecc54164311003666e6">https://www.quizizz.com/admin/quiz/59731ecc54164311003666e6</a>



# ONLINE MATH QUIZ

## CLASS IX

Chapter Number	Chapter	Link to open the online quiz (Ctrl + Click to open the link)
1	Number systems	<a href="https://www.quizizz.com/admin/quiz/58be3b4837e63813188e3319">https://www.quizizz.com/admin/quiz/58be3b4837e63813188e3319</a>
2	Polynomials	<a href="https://www.quizizz.com/admin/quiz/58be4acdb597159d1873678b">https://www.quizizz.com/admin/quiz/58be4acdb597159d1873678b</a>
3	Coordinate geometry	<a href="https://www.quizizz.com/admin/quiz/58be5aca2933d5741853ff7e">https://www.quizizz.com/admin/quiz/58be5aca2933d5741853ff7e</a>
4	Linear equation in two variables	<a href="https://www.quizizz.com/admin/quiz/58be7a44981d974d18698b03">https://www.quizizz.com/admin/quiz/58be7a44981d974d18698b03</a>
5	Introduction to Euclid geometry	<a href="https://www.quizizz.com/admin/quiz/58be82262933d57418540271">https://www.quizizz.com/admin/quiz/58be82262933d57418540271</a>
6	Lines and angles	<a href="https://www.quizizz.com/admin/quiz/58be8e8b2f772c1d18268ed2">https://www.quizizz.com/admin/quiz/58be8e8b2f772c1d18268ed2</a>
7	Triangles	<a href="https://www.quizizz.com/admin/quiz/58bf8af237e63813188ea63b">https://www.quizizz.com/admin/quiz/58bf8af237e63813188ea63b</a>
8	Quadrilateral	<a href="https://www.quizizz.com/admin/quiz/58bf96ce37e63813188ea7ec">https://www.quizizz.com/admin/quiz/58bf96ce37e63813188ea7ec</a>



# ONLINE MATH QUIZ

## CLASS IX

Chapter Number	Chapter	Link to open the online quiz (Ctrl + Click to open the link)
9	Areas of parallelograms and triangles	<a href="https://www.quizizz.com/admin/quiz/58c0d7cb2f772c1d18277249">https://www.quizizz.com/admin/quiz/58c0d7cb2f772c1d18277249</a>
10	Circles	<a href="https://www.quizizz.com/admin/quiz/58c0f7d7f98c3f75110f1926">https://www.quizizz.com/admin/quiz/58c0f7d7f98c3f75110f1926</a>
12	Heron's formula	<a href="https://www.quizizz.com/admin/quiz/58c12fb5c24463f509dc0930">https://www.quizizz.com/admin/quiz/58c12fb5c24463f509dc0930</a>
13	Surface area and volume	<a href="https://www.quizizz.com/admin/quiz/58c226b330dae555651b6ec3">https://www.quizizz.com/admin/quiz/58c226b330dae555651b6ec3</a>
14	Statistics	<a href="https://www.quizizz.com/admin/quiz/593e61c0eb73ce100036f65a">https://www.quizizz.com/admin/quiz/593e61c0eb73ce100036f65a</a>
15	Probability	<a href="https://www.quizizz.com/admin/quiz/593e591d3a223411003aaa7a">https://www.quizizz.com/admin/quiz/593e591d3a223411003aaa7a</a>





# ONLINE MATH QUIZ

## CLASS X

Chapter Number	Chapter	Link to open the online quiz (Ctrl + Click to open the link)
1	Real Numbers	<a href="https://www.quizizz.com/admin/quiz/593f6e2fad39221000bea1a7">https://www.quizizz.com/admin/quiz/593f6e2fad39221000bea1a7</a>
2	Polynomials	<a href="https://www.quizizz.com/admin/quiz/593f74eead39221000bea30c">https://www.quizizz.com/admin/quiz/593f74eead39221000bea30c</a>
3	Pair Of Linear Equations In 2 Variables	<a href="https://www.quizizz.com/admin/quiz/593fac419d04ad1100dcae2e">https://www.quizizz.com/admin/quiz/593fac419d04ad1100dcae2e</a>
4	Quadratic Equations	<a href="https://www.quizizz.com/admin/quiz/5940bab460c0a4110027e5e0">https://www.quizizz.com/admin/quiz/5940bab460c0a4110027e5e0</a>
5	Arithmetic Progression	<a href="https://www.quizizz.com/admin/quiz/5940c677b89926110097285d">https://www.quizizz.com/admin/quiz/5940c677b89926110097285d</a>
6	Triangles	<a href="https://www.quizizz.com/admin/quiz/5940d29bb899261100972afa">https://www.quizizz.com/admin/quiz/5940d29bb899261100972afa</a>
7	Coordinate Geometry	<a href="https://www.quizizz.com/admin/quiz/5940fb67b8992611009735cb">https://www.quizizz.com/admin/quiz/5940fb67b8992611009735cb</a>
8	Introduction To Trigonometry	<a href="https://www.quizizz.com/admin/quiz/59424eefe1b2a4100083285e">https://www.quizizz.com/admin/quiz/59424eefe1b2a4100083285e</a>



# ONLINE MATH QUIZ

## CLASS X

Chapter Number	Chapter	Link to open the online quiz (Ctrl + Click to open the link)
9	Application Of Trigonometry	<a href="https://www.quizizz.com/admin/quiz/594a09aa9298cc10006ba4e8">https://www.quizizz.com/admin/quiz/594a09aa9298cc10006ba4e8</a>
10	Circles	<a href="https://www.quizizz.com/admin/quiz/594cddfa496e912003e9635">https://www.quizizz.com/admin/quiz/594cddfa496e912003e9635</a>
12	Area Related To Circles	<a href="https://www.quizizz.com/admin/quiz/59520069078f2a1400b726f8">https://www.quizizz.com/admin/quiz/59520069078f2a1400b726f8</a>
13	Surface Area And Volume	<a href="https://www.quizizz.com/admin/quiz/595336c9181ab41000abd2b9">https://www.quizizz.com/admin/quiz/595336c9181ab41000abd2b9</a>
14	Statistics	<a href="https://www.quizizz.com/admin/quiz/59548737b96e581100aa469b">https://www.quizizz.com/admin/quiz/59548737b96e581100aa469b</a>
15	Probability	<a href="https://www.quizizz.com/admin/quiz/595b222fd582151000da0d50">https://www.quizizz.com/admin/quiz/595b222fd582151000da0d50</a>

## **USER NAME AND PASSWORD TO OPEN QUIZZES OF ALL CLASSES AS ADMINISTRATOR**

<b>Class</b>	<b>Username</b>	<b>Password</b>
<b>VI</b>	<b>mathsquizclass6@gmail.com</b>	<b>quizclass6</b>
<b>VII</b>	<b>mathquizclass7@gmail.com</b>	<b>quizclass7</b>
<b>VIII</b>	<b>mathquizclass8@gmail.com</b>	<b>quizclass8</b>
<b>IX</b>	<b>mathquizclass9@gmail.com</b>	<b>quizclass9</b>
<b>X</b>	<b>mathquizclass10@gmail.com</b>	<b>quizclass10</b>

### **If you have only the link address of every chapter:**

- ✓ You **can view** all the questions
- ✓ You **can view** all the answers
- ✓ You **cannot do any changes** in the questions
- ✓ You **cannot act as administrator** and conduct quiz
- ✓ You **cannot view** reports

### **If you have the username and password of each class:**

- You **can view** all the quiz designed for every chapter of that class
- You **can view** all the questions and its answers
- You **can do changes** in the questions
- You **can act as administrator** and conduct quiz
- You **can view reports** after a game

<b>DO NOT SHARE THE LINK OR USERNAME &amp; PASSWORD WITH STUDENTS</b>
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