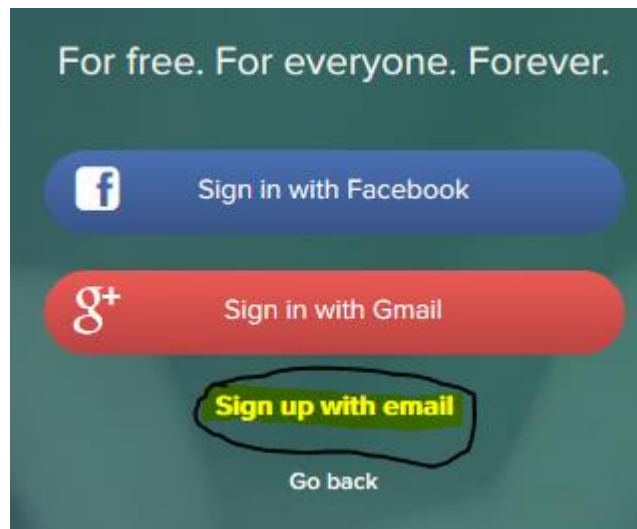




How to sign up and use Khan Academy

*A great tool for independent online studying for Math

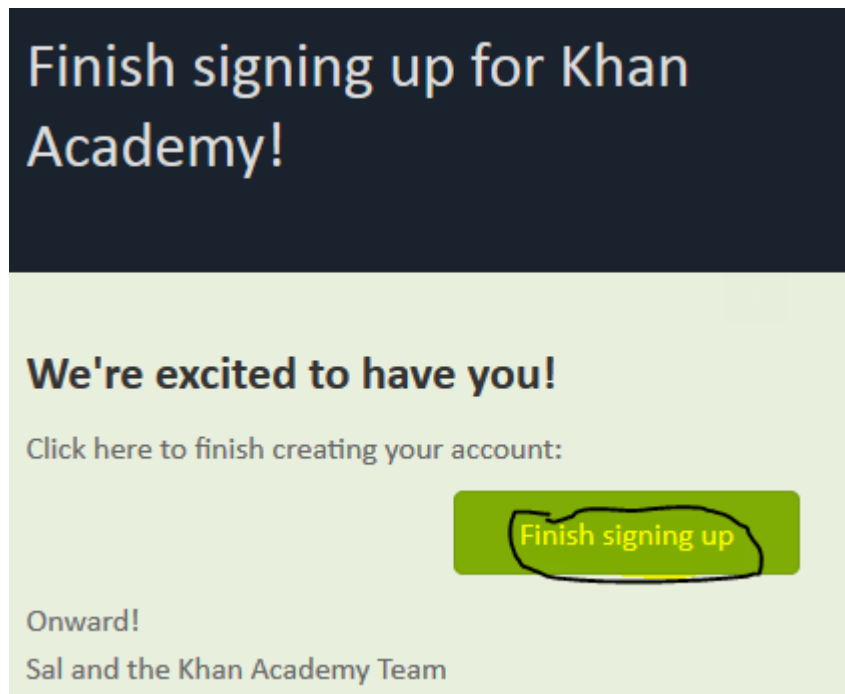
- 1) Go to www.khanacademy.org
- 2) Sign in through Facebook, Gmail, or create a new account. We will be creating a new account.
- 3) Click on Sign up with email.



- 4) Fill in your first name, last name, email, and birthday and click “Sign up”.

- 5) Go to your email and open the email Khan Academy has sent you.

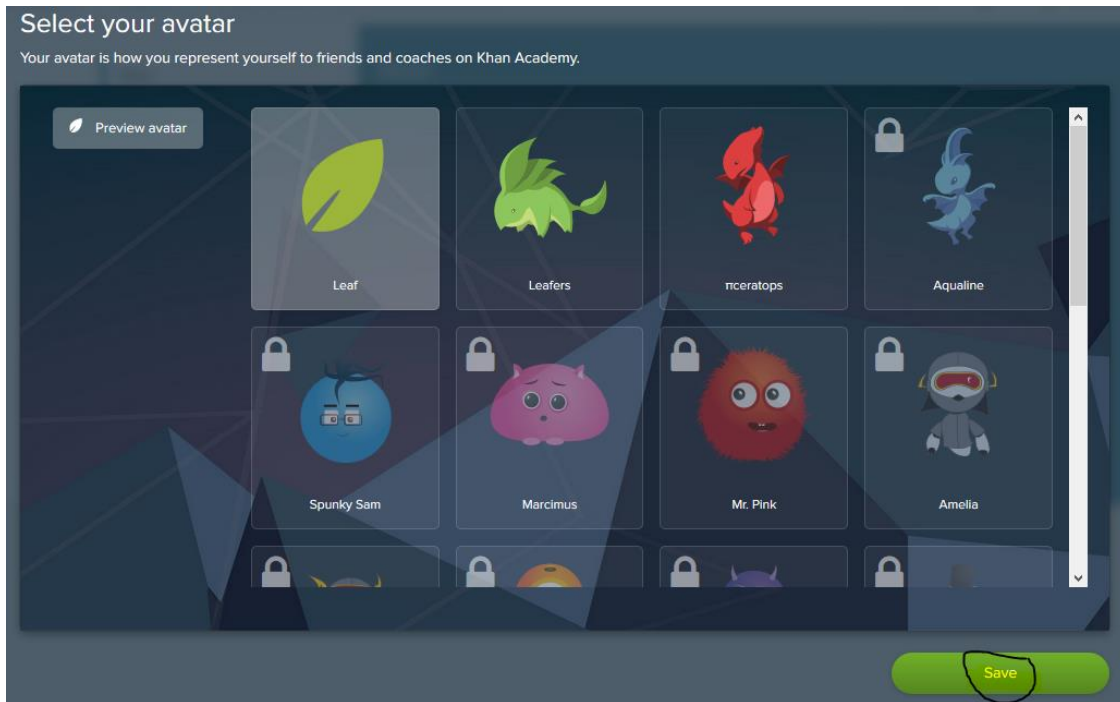
6) Click on “Finish signing up”.



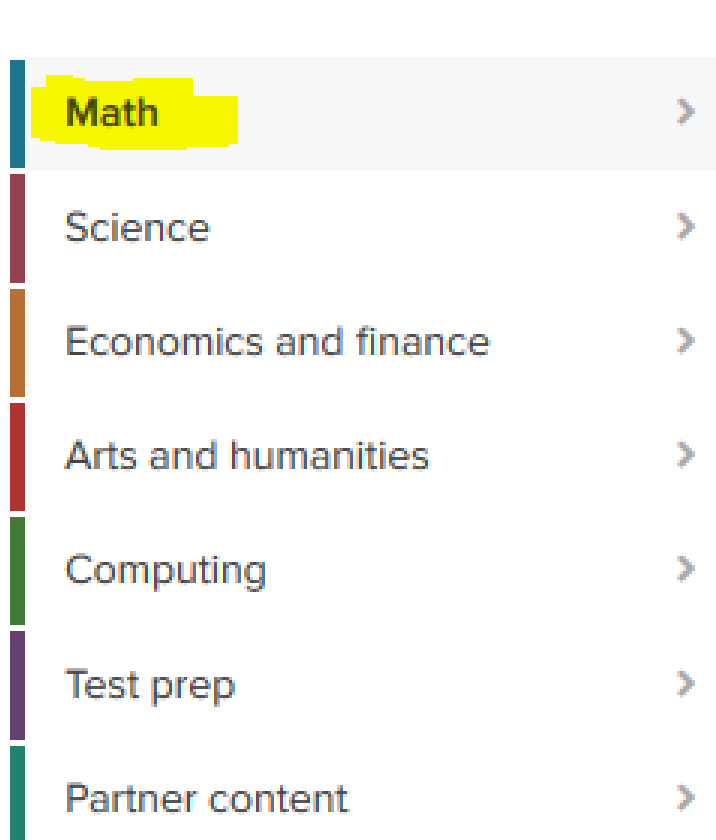
7) Create a username and password and click “Signup”.

The image shows a form titled "Welcome! Create your username and password." with a tree icon. The form contains the following fields: "Email" with the value "myemail@gmail.com", "Your name" with the value "My Name", "Gender (optional)" with a dropdown arrow, "Username" (empty), and "Password" (empty). Below the password field, there is a note: "Passwords should be at least 8 characters long and should contain a mixture of letters, numbers, and other characters." At the bottom, there is a link to "Terms of Service" and "Privacy Policy", and a green "Signup" button which is circled in black.

8) Choose an avatar and click “Save”



9) Hover over the “Math” section



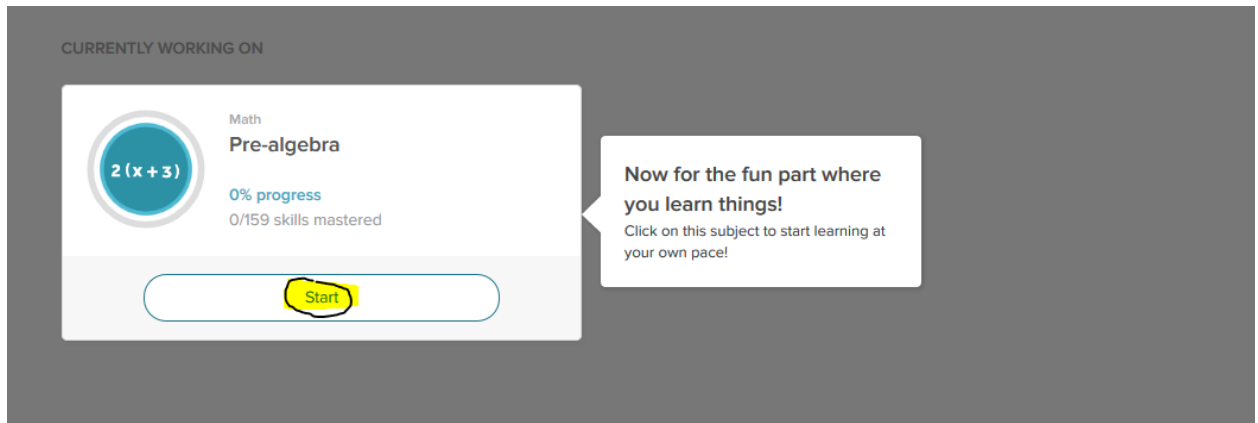
10) You should see the following:

The screenshot shows a navigation menu on the left with 'Math' selected. The main content area displays a grid of math topics under the heading 'Math'. The topics are organized into two main sections: 'K-8TH' and 'HIGH SCHOOL AND BEYOND'. The 'K-8TH' section includes topics from 'K-2nd' to '8th', all with 0% completion. The 'HIGH SCHOOL AND BEYOND' section includes 'Algebra basics', 'Algebra I', 'Algebra II', 'Geometry', 'Trigonometry', 'Probability and statistics', 'Precalculus', 'Differential calculus', 'Integral calculus', 'Multivariable calculus', 'Differential equations', 'Linear algebra', 'Recreational math', and 'Math contests', all with 0% completion. A 'FUNDAMENTALS' section is also present, including 'Early math', 'Arithmetic', 'Pre-algebra', and 'Basic geometry', all with 0% completion.

- a. At this point, you should review our “SAMPLE Mathematics Test”.
 - i. The test includes, but not limited to the following: Pre-Algebra (measurements, computation, whole numbers, fractions, decimals, percentages, ratios, proportions, etc.), and basic geometry.
- b. Choose the categories you think you need the most work in. Please note you may need to start at an earlier level of math like early math, arithmetic or any other level. The example shown in the picture below is: Pre – algebra

This screenshot is identical to the one above, but with the 'Pre-algebra (0%)' item in the 'FUNDAMENTALS' section highlighted with a yellow box to indicate the example category mentioned in the text.

11) Click “Start”



12) Look at the various sections and choose what you think you will benefit the most in **or** click your pre-algebra mission if you are unsure where you are at. It will act as a sort of placement test for you.

0% progress
Continue your pre-algebra mission >
What's a mission?

Negative numbers and absolute value

Negative number basics
Adding and subtracting negative numbers
Multiplying and dividing negative numbers
Absolute value

Factors and multiples
Understanding and finding factors and multiples. After these videos, you'll be ready for fractions.

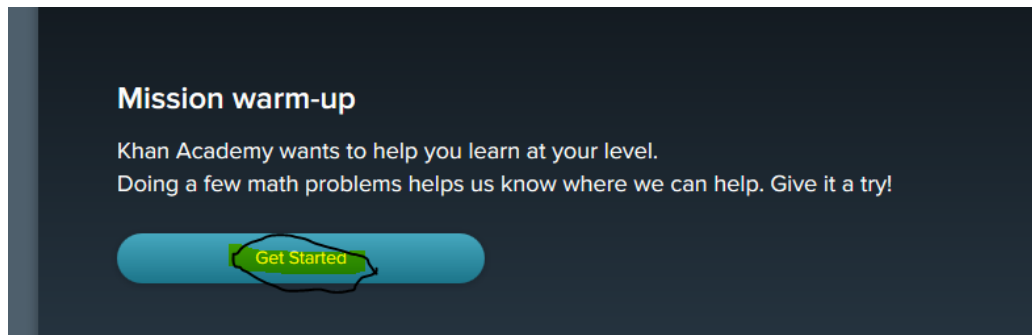
Divisibility tests
Divisibility and factors
Prime numbers
Prime factorization
Least common multiple
Greatest common factor

Decimals

Conceptualizing decimals and
Comparing decimals

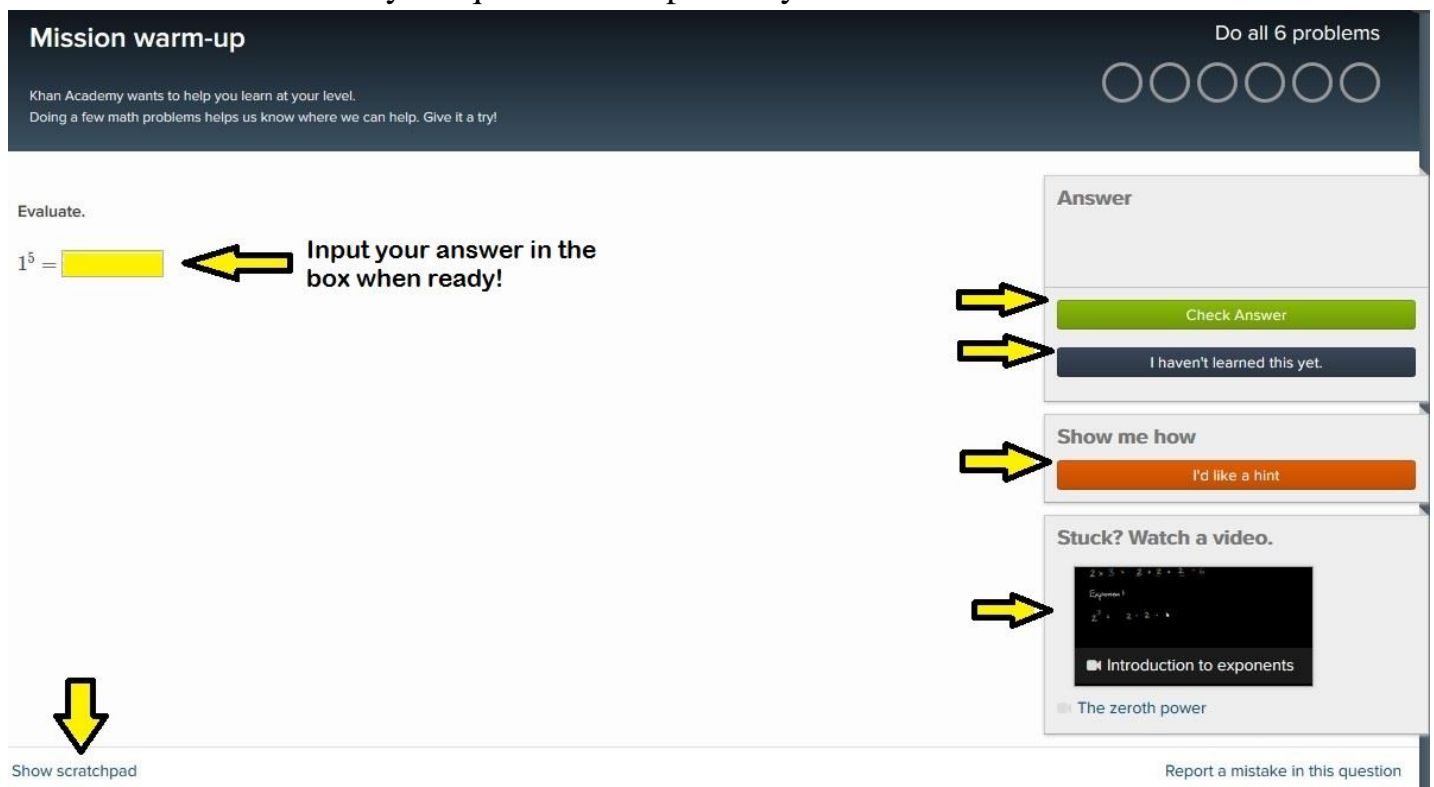
The image shows a vertical list of learning options. The first option is 'Continue your pre-algebra mission >' with a '0% progress' indicator and a link 'What's a mission?'. The second option is 'Negative numbers and absolute value' with a '|-1|' icon. It lists sub-topics: 'Negative number basics', 'Adding and subtracting negative numbers', 'Multiplying and dividing negative numbers', and 'Absolute value'. The third option is 'Factors and multiples' with a diamond icon and a description: 'Understanding and finding factors and multiples. After these videos, you'll be ready for fractions.' It lists sub-topics: 'Divisibility tests', 'Divisibility and factors', 'Prime numbers', 'Prime factorization', 'Least common multiple', and 'Greatest common factor'. The fourth option is 'Decimals' with a '0.00' icon. It lists sub-topics: 'Conceptualizing decimals and' and 'Comparing decimals'.

13) Click on “Get Started”



14) You will be directed to a screen similar to the one below:

*Note: your question will probably be different.



- a. You have several things you can do on each question (some options may not be available for certain questions)
 - i. Click “I’d like a hint” to a helpful hint to answer your questions
 - ii. Click “Stuck? Watch a video” to show you how to solve similar problems.
 - iii. Click “Show scratchpad” to write notes/workout your problem.
 - iv. Input your answer and click “Check Answer” if you know the answer.
 - v. Click “I haven’t learned this yet” to skip the question.

15) After completing the “Mission warm-up” you will see the following:

PROGRESS MADE

Topic	Status	Action
Exponents	Needs Practice	Needs Practice
Comparing two-digit numbers	Needs Practice	Needs Practice
Square roots of perfect squares	Needs Practice	Level One
Reading bar charts 1	Needs Practice	Level One
Reading pictographs 1	Needs Practice	Level One
Unit fractions on the number line	Needs Practice	Level One

TOTAL ENERGY POINTS EARNED

500

200 Points for questions
6 questions answered 67% correctly

300 Points for completion
Bonus points earned for completing this task

AVATAR PARTS EARNED

Aqualine
Complete your first math task

Customize your avatar

BADGES EARNED

Challenge Accepted
You finished your first mastery challenge.

Continue to next task →

a. It will remember what you get right, wrong, or skip. The questions will get harder the higher level you achieve.

16) Choose whatever sections you think you need work in, or let Khan Academy help you choose!

a. Remember to do all questions **without** a calculator. You will not be able to use one on the Entrance Exam.

17) Khan Academy also has an app for your android or iOS device!



Mobile apps

