

Math



EDUCATION

Learning and understanding in math classes is demonstrated by solving problems, with material building upon previous knowledge and information. This requires unique ways of studying.



π STRATEGIES

Complete all homework and quizzes when they are assigned so you don't fall behind.

Learn by doing. Work through practice problems to make sure you understand concepts. Show your work to find out where you made an error.

Break down complex problems into smaller, more manageable steps.

Make lists of formulas on paper or flashcards. Practice saying the formulas to help commit them to long-term memory.

Pay attention to any problems the instructor works through during class. Take detailed notes on how you get from one step to the next.



Work problems everyday rather than waiting until close to the test or quiz.

Become the teacher. Practice problems until you can explain the steps out loud and why they work.

Mix up the types of problems when studying. Work the problems on your own before looking at the solution. Create your own practice tests with problems from different sections.

Practice under time pressure. Gradually work your way into incorporating a time constraint as you practice to simulate a real testing environment. Consider what you will be allowed to use during the test (i.e., a calculator) and incorporate these resources as you practice.

TECHNOLOGY

- Look for alternative sources like [Khan Academy](#) to help understand math concepts. Use apps like [MyScript Calculator 2](#) or [Wolfram Alpha](#) to help work through practice problems.
- Check out this comprehensive resource from Saint Louis University for more great math learning strategies.

