

What is MATH 116?

MATH 116 is a college level class designed to provide students with a Mathematics class with minimal stress.

Is MATH 116 the right class for me?

So, you've learned that you need or want to take MATH 116. There are no Mathematics prerequisites for MATH 116 beyond graduation from high school (or an equivalent), but if your reading skills are weak, then you should consider taking an appropriate ENG course beforehand or simultaneous with this course.

- If any of these questions piques your interest, then you should have fun in MATH 116.
- If you feel confident that you could correctly answer most of these questions, then you should succeed in MATH 116.
- If you feel less confident or think that you could only answer a few questions correctly, then you may need assistance from the ARC in order to succeed in MATH 116.

1. Ask a friend to write any (nonzero) five-digit number. Then find the sum of the digits of the original number. Then subtract the sum from the original number. Then find the sum of the digits of that new number. Then find the sum of the digits of THAT result and continue finding the sum of digits until they're left with a single-digit sum. What is that digit?
2. Is this a valid argument?
Nothing is better than steak.
Oatmeal is better than nothing.
Therefore, oatmeal is better than steak.
3. I have one calculator that says $3 + 7 * 5 = 50$ and another that says $3 + 7 * 5 = 38$. What are the two calculators doing differently to get different results?
4. My mother wrote a note with $8 + 7 = 3$. Can you think of a setting where this note is reasonable?
5. As I was going to St. Ives, I met a man with seven wives. Every wife had seven sacks, every sack had seven cats, every cat had seven kitts. Kitts, cats, sacks, wives, how many were going to St. Ives?
6. The leftmost column of a Sudoku puzzle is filled, except for the top and the bottom cell. The sum of the filled values in that column is 41. What do we know about the values that go in the unfilled cells?