



Math Attitude and Perception Survey (MAPS) Survey Results

| 1. Choose the course you are currently enrolled in at Rio Hondo College: | | |
|--|-------------|-----------|
| Answer Options | Percent | Count |
| Math 20 | 46.9% | 23 |
| Math 33 | 53.1% | 26 |
| Math 30A | 0.0% | 0 |
| Math 30B | 0.0% | 0 |
| Math 30C | 0.0% | 0 |
| Math 30D | 0.0% | 0 |
| <i>Answered Question</i> | 100% | 49 |
| <i>Skipped Question</i> | 0% | 0 |

| 2. What was the final Math Course you took in High School? | | |
|--|-------------|-----------|
| Answer Options | Percent | Count |
| Algebra 1 | 28.6% | 14 |
| Algebra 2 | 28.6% | 14 |
| Geometry | 32.7% | 16 |
| Pre-Calculus | 10.2% | 5 |
| Calculus | 0.0% | 0 |
| <i>Answered Question</i> | 100% | 49 |
| <i>Skipped Question</i> | 0% | 0 |

| 3. Is this the first time taking this course at the college level? | | |
|--|-------------|-----------|
| Answer Options | Percent | Count |
| Yes | 95.9% | 47 |
| No | 4.1% | 2 |
| <i>Answered Question</i> | 100% | 49 |
| <i>Skipped Question</i> | 0% | 0 |

| 4. How many times have you taken this course? | | |
|---|-------------|-----------|
| Answer Options | Percent | Count |
| Second | 50.0% | 1 |
| Third | 50.0% | 1 |
| More than 3 times | 0.0% | 0 |
| <i>Answered Question</i> | 100% | 2 |
| <i>Skipped Question</i> | 0% | 47 |

| 5. To what extent do you use examples from class to solve a math problem? | | |
|---|-------------|-----------|
| Answer Options | Percent | Count |
| Very Often | 14.3% | 7 |
| Regularly | 34.7% | 17 |
| Sometimes | 34.7% | 17 |
| Once or Twice | 10.2% | 5 |
| Never | 6.1% | 3 |
| <i>Answered Question</i> | 100% | 49 |
| <i>Skipped Question</i> | 0% | 0 |



INSTITUTIONAL RESEARCH AND PLANNING

| 6. When I am solving a math problem, I... | | |
|--|-------------|-----------|
| Answer Options | Percent | Count |
| find a similar example from class notes | 44.9% | 22 |
| find a similar example from the textbook | 12.2% | 6 |
| find help on the internet (YouTube or Google search) | 10.2% | 5 |
| ask a friend or tutor for help | 20.4% | 10 |
| work it out on my own | 12.2% | 6 |
| <i>Answered Question</i> | 100% | 49 |
| <i>Skipped Question</i> | 0% | 0 |

| 7. In your opinion, do you rate these items on a scale of 1 to 5 (with 1 being strongly disagree and 5 being strongly agree?) | | | | | | |
|---|-------------------|----------|---------|-------|----------------|-----------|
| Answer Options | Strongly Disagree | Disagree | Neutral | Agree | Strongly Agree | Count |
| Critical thinking skills used to understand math can be helpful in my everyday life. | 6 | 2 | 19 | 12 | 9 | 48 |
| Computer aided homework (ALEKS, MyMath Lab, iLearn, etc.) was helpful to learn math this semester | 1 | 5 | 17 | 20 | 5 | 48 |
| I prefer to take a math class where the teacher lectures over the math topics every class meeting. | 2 | 4 | 15 | 14 | 13 | 48 |
| <i>Answered Question</i> | | | | | | 48 |
| <i>Skipped Question</i> | | | | | | 1 |

| 8. After my experience this semester, I would prefer to take a math class where I can move at my own pace. | | |
|--|------------|-----------|
| Answer Options | Percent | Count |
| Strongly Disagree | 2.1% | 1 |
| Disagree | 12.5% | 6 |
| Neutral | 25.0% | 12 |
| Agree | 43.8% | 21 |
| Strongly Agree | 16.7% | 8 |
| <i>Answered Question</i> | 98% | 48 |
| <i>Skipped Question</i> | 2% | 1 |

| 9. How long do you spend on a difficult math problem before you stop working on it? (Select one) | | |
|--|------------|-----------|
| Answer Options | Percent | Count |
| Less than 2 minutes on a problem | 2.1% | 1 |
| 2 to 5 minutes on a problem | 41.7% | 20 |
| 5 to 10 minutes on a problem | 41.7% | 20 |
| More than 10 minutes | 14.6% | 7 |
| <i>Answered Question</i> | 98% | 48 |
| <i>Skipped Question</i> | 2% | 1 |



INSTITUTIONAL RESEARCH AND PLANNING

| 10. I learn best when... (Choose all that apply) | | |
|--|------------|-----------|
| Answer Options | Percent | Count |
| The teacher explains the material to me in class. | 81.3% | 39 |
| I read the material in the text or online. | 37.5% | 18 |
| I do activities in class. | 50.0% | 24 |
| I discuss the material with classmates. | 45.8% | 22 |
| I do homework from the book. | 39.6% | 19 |
| I do homework online. | 22.9% | 11 |
| I study with classmates outside of class. | 14.6% | 7 |
| I work with a tutor. | 43.8% | 21 |
| I have a class schedule to keep me working. | 25.0% | 12 |
| I can move quickly through the things I already know and not be bored. | 31.3% | 15 |
| <i>Answered Question</i> | 98% | 48 |
| <i>Skipped Question</i> | 2% | 1 |

| 11. I do not learn well when... (Choose all that apply) | | |
|--|------------|-----------|
| Answer Options | Percent | Count |
| The teacher explains the material to me in class. | 2.1% | 1 |
| I read the material in the text or online. | 31.3% | 15 |
| I do activities in class. | 12.5% | 6 |
| I discuss the material with classmates. | 16.7% | 8 |
| I do homework from the book. | 25.0% | 12 |
| I do homework online. | 37.5% | 18 |
| I study with classmates outside of class. | 16.7% | 8 |
| I work with a tutor. | 4.2% | 2 |
| I have a class schedule to keep me working. | 16.7% | 8 |
| I can move quickly through the things I already know and not be bored. | 27.1% | 13 |
| <i>Answered Question</i> | 98% | 48 |
| <i>Skipped Question</i> | 2% | 1 |

| 12. I prefer taking math classes where I | | |
|--|------------|-----------|
| Answer Options | Percent | Count |
| move at my own pace using computerized software, with the instructor present in class to answer questions. | 43.8% | 21 |
| move at my own pace using computerized software, with the instructor available online to answer questions. | 10.4% | 5 |
| work at the same pace as the whole class, with an instructor teaching a lecture each class. | 45.8% | 22 |
| <i>Answered Question</i> | 98% | 48 |
| <i>Skipped Question</i> | 2% | 1 |



INSTITUTIONAL RESEARCH AND PLANNING

| 13. Additional comments? | | |
|--------------------------|--|-------|
| | Percent | Count |
| <i>Answered Question</i> | 29% | 14 |
| <i>Skipped Question</i> | 71% | 35 |
| Open-Ended Responses | | |
| 1 | I hope this (moving at own pace using computer with instructor present) is available. I'm awfully bad at math. | |
| 2 | Math this semester was experience because I had a great teacher. I understand everything every lesson on the way as well. thank you for a great experience. | |
| 3 | I though I was going to struggle a lot in this class because I hadn't done math in a few years. But my instructor Ms. Griffith was an excellent teacher. | |
| 4 | I am a visual learner, I don't believe the computer would help me very much. Step by step learning from the instructor. | |
| 5 | Your really good at teaching the material, it was me who didn't put much effort into the class, I began slacking off. ilearn did not cover all of the questions on the written tests. Class was confusing, unorganized. Easy to loose track on the internet. | |
| 6 | Traditional class set up without computers is the most effective way in my opinion. | |
| 7 | I feel there was a big step up between test #3 and test #4. The level of math work and the difficulty increased almost suddenly. I didn't like that i feel that it should have been left for next semester. | |
| 8 | This was a good new experience for me. Im not very good at math, but once I used ilearn, it helped me alot! The only negative thing about this is that ilearn and professors teach differently, and everyones all scattered with their exams which becomes stressful! | |
| 9 | BLOCK THE INTERNET !!! (FACEBOOK, YOUTUBE, ETC.) (THESE THINGS ARE MAJOR DISTRACTIONS!!! MATH 33 WAS MORE LIKE A INTERNET CAFE TO THOSE WHO JUST GAVE UP AND LACKED SELF MOTIVATION. IT BECAME SOMETHING LIKE HIGHSCHOOL, A GREAT BIG SOCIAL GATHERING.) I honestly believe if there WERE internet restrictions everyone would have no choice but to keep trying the problem they are stuck on, or at least ask more questions about the problems other then getting stuck on a problem and relieving the frustration on youtube or facebook. thats just my opinion. please consider.! I'm just saying what i saw going on in the class as a student. iLEARN IS GREAT ! I learned more on ilearn then i ever did about math. the program is EXCELLENT just a few flaws PLEASE PLEASE PLEASE give us more TEST TYPE PROBLEMS on ilearn ,this would help very much. many students agree. THANK YOU TO ALL INSTRUCTORS TO WHOM MAY BE READING THIS . | |
| 10 | It would be alot more helpful if the stuff we learned from iLearn is exactly the way it is formatted on the exams. Many times were there things on the tests that were never been taught through iLearn. They possibly were, but it was difficult to myself and others in classmates because it taught us in a different way than the way we had previously learned in High School. | |
| 11 | Really enjoyed this format but feel in order for it to be fast passed the student should be able to advance quicker regarding exams. Students had to wait until the teacher completed grading the test in order to move on to the next test and the student could be passed the level and ready to take the next exam. Turn around time to return exam student can be improved in order to make it a true fast track. | |
| 12 | I really suggest to have the teacher present on-line, also maybe go over problems on the board to better understand lessons and be more prepare for exams. | |
| 13 | should have similar math problems in i learn as in the actual math test. | |
| 14 | No. | |