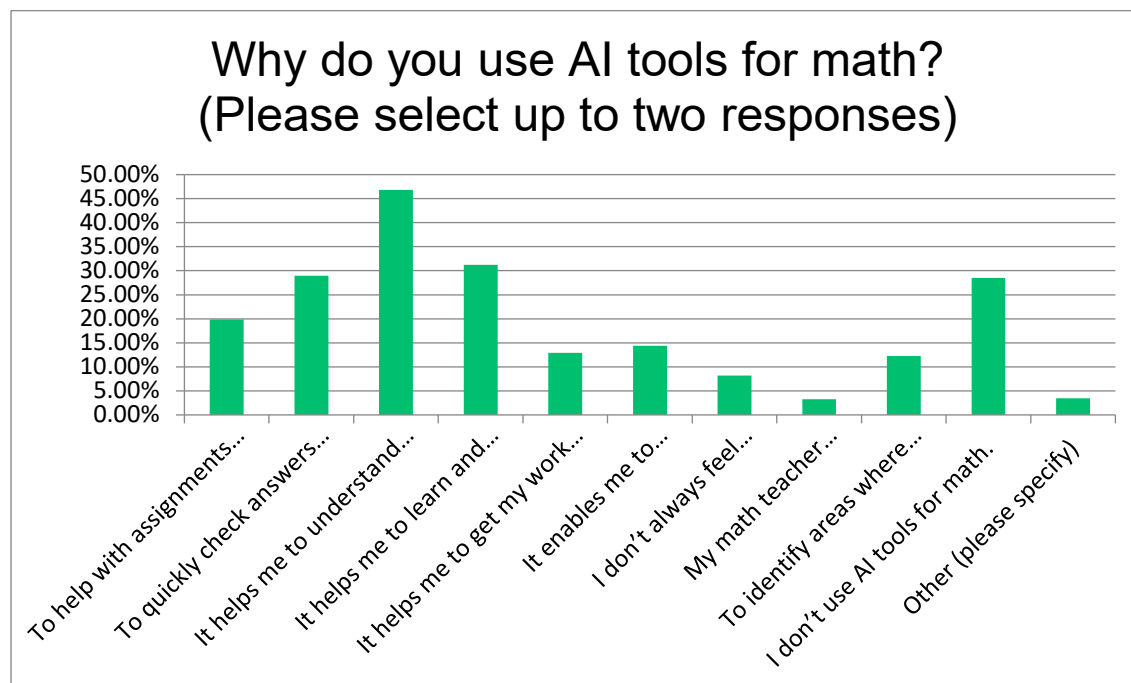
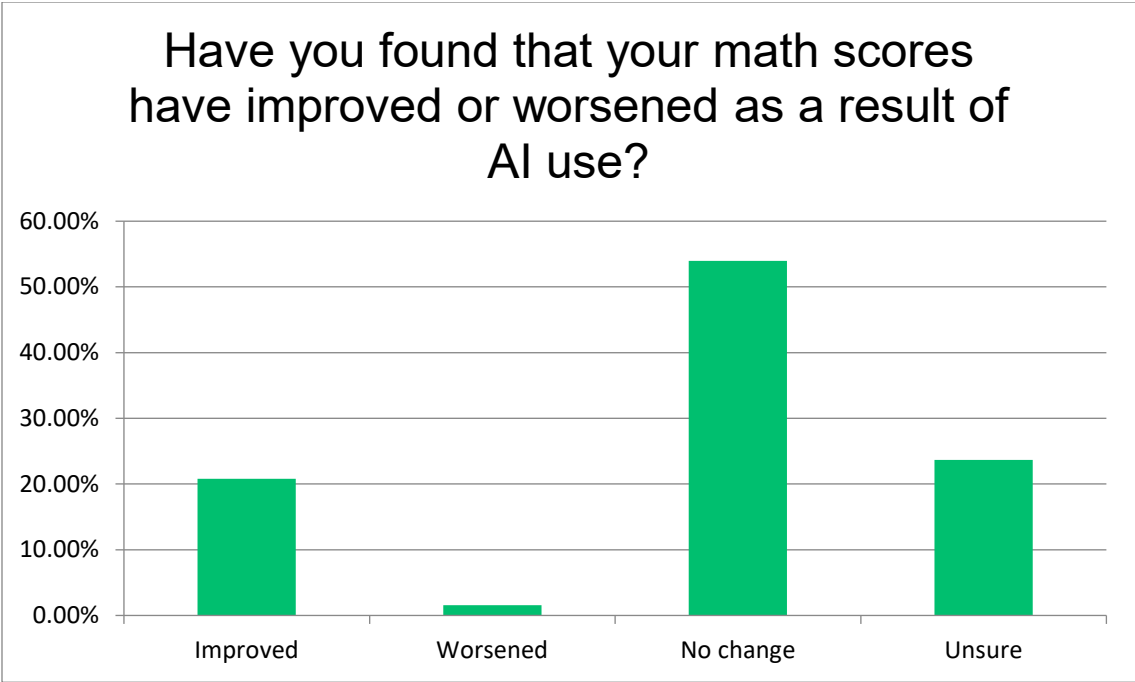


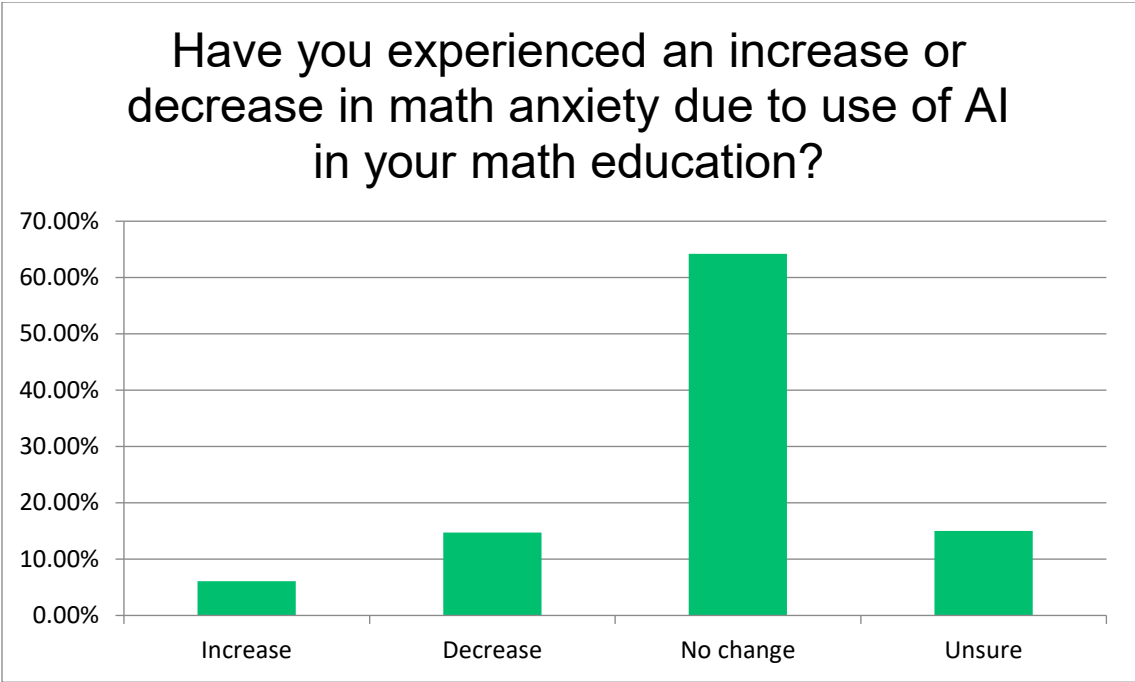
# M3 Challenge 2025: Student Survey



| Why do you use AI tools for math? (Please select up to two responses)                      |                 |             |
|--|-----------------|-------------|
| Answer Choices   | Responses       |             |
| To help with assignments and homework.   | 19.82%          | 263         |
| To quickly check answers before turning in assignments or homework.                        | 28.94%          | 384         |
| It helps me to understand concepts or subjects without having to get a tutor.              | 46.80%          | 621         |
| It helps me to learn and understand concepts faster.                                       | 31.20%          | 414         |
| It helps me to get my work done faster and more efficiently.                               | 12.89%          | 171         |
| It enables me to personalize learning.   | 14.39%          | 191         |
| I don't always feel comfortable asking teachers for help, so I rely on an AI tool instead. | 8.21%           | 109         |
| My math teacher sometimes asks the class to use it.  | 3.24%           | 43          |
| To identify areas where I'm weakest and can use more practice.                             | 12.28%          | 163         |
| I don't use AI tools for math.   | 28.49%          | 378         |
| Other (please specify)   | 3.47%           | 46          |
|  | <b>Answered</b> | <b>1327</b> |

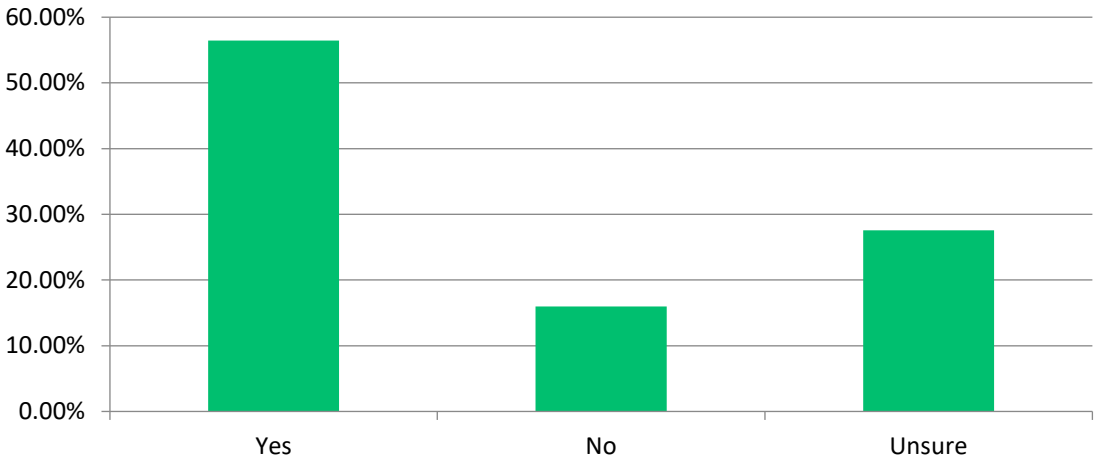


| Have you found that your math scores have improved or worsened as a result of AI use? |           |      |
|---|-----------|------|
| Answer Choices  | Responses |      |
| Improved  | 20.80%    | 276  |
| Worsened  | 1.58%     | 21   |
| No change   | 53.96%    | 716  |
| Unsure  | 23.66%    | 314  |
|   | Answered  | 1327 |



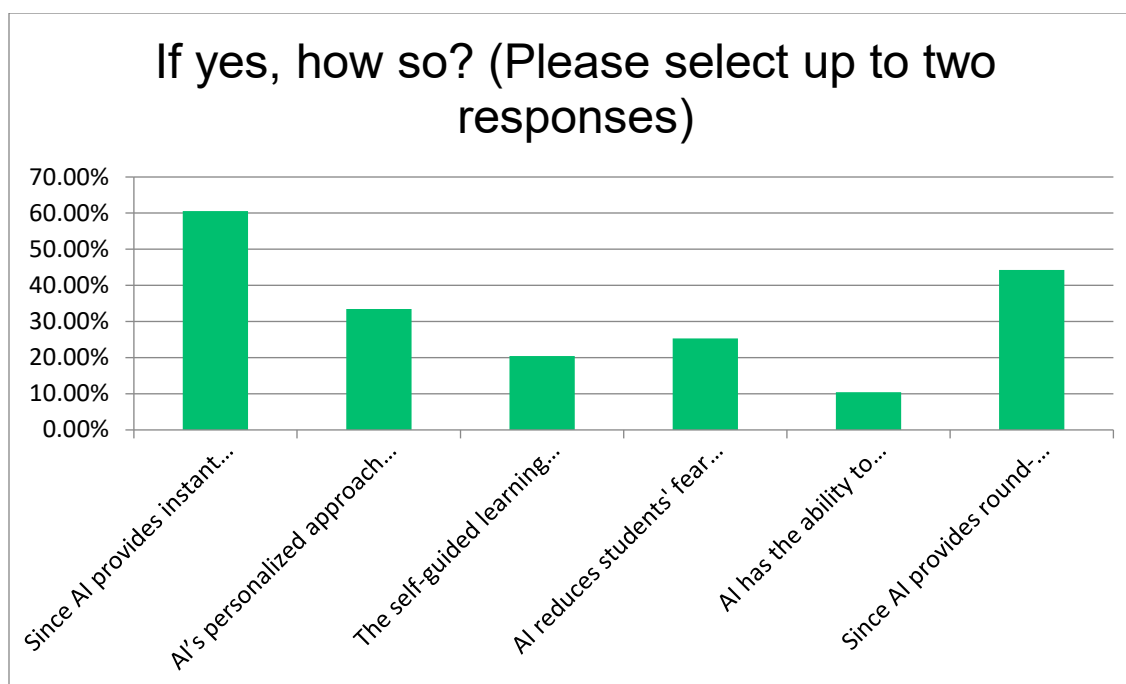
| Have you experienced an increase or decrease in math anxiety due to use of AI in your math education? |           |      |
|---|-----------|------|
| Answer Choices  | Responses |      |
| Increase  | 6.10%     | 81   |
| Decrease  | 14.69%    | 195  |
| No change   | 64.20%    | 852  |
| Unsure  | 15.00%    | 199  |
|   | Answered  | 1327 |

Do you think use of AI for math  
coursework can reduce math anxiety  
among students?



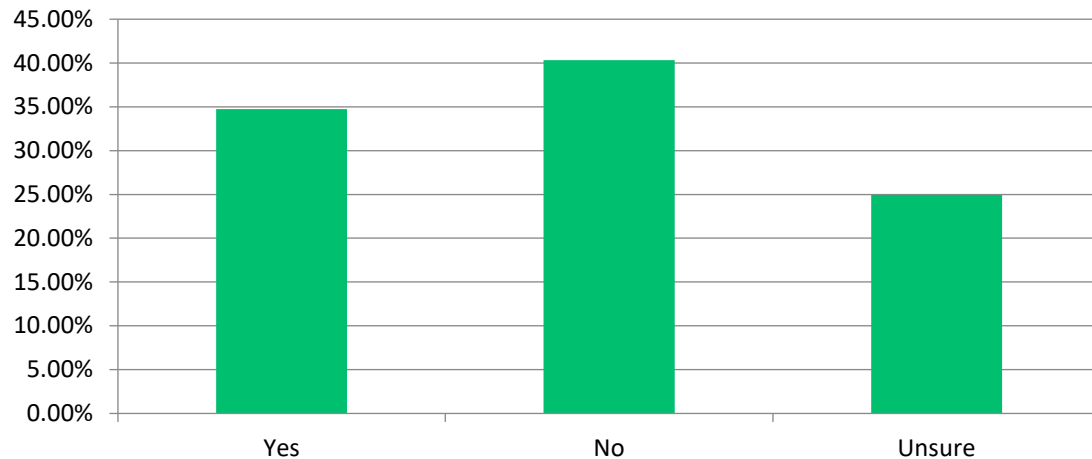
Do you think use of AI for math  
coursework can reduce math anxiety  
among students?

| Answer Choices | Responses |      |
|----------------|-----------|------|
| Yes            | 56.44%    | 749  |
| No             | 15.98%    | 212  |
| Unsure         | 27.58%    | 366  |
|                | Answered  | 1327 |



| If yes, how so? (Please select up to two responses)  |                 |             |
|--|-----------------|-------------|
| Answer Choices   | Responses       |             |
| Since AI provides instant help, clarification and feedback when needed, students may worry less about feeling "lost" in a crowded classroom.   | 60.59%          | 804         |
| AI's personalized approach makes math more accessible and understandable for students, improving their learning experience.  | 33.46%          | 444         |
| The self-guided learning aspect of AI motivates students and gives them a sense of independence.   | 20.42%          | 271         |
| AI reduces students' fear of making mistakes by providing guidance without having to ask questions in front of other students.   | 25.32%          | 336         |
| AI has the ability to "gamify" the math learning processes, making it more interesting and fun.  | 10.40%          | 138         |
| Since AI provides round-the-clock help, students can ask questions and get clarification at their own pace in a nonjudgmental setting, gradually building their confidence and reducing anxiety. | 44.31%          | 588         |
|  | <b>Answered</b> | <b>1327</b> |

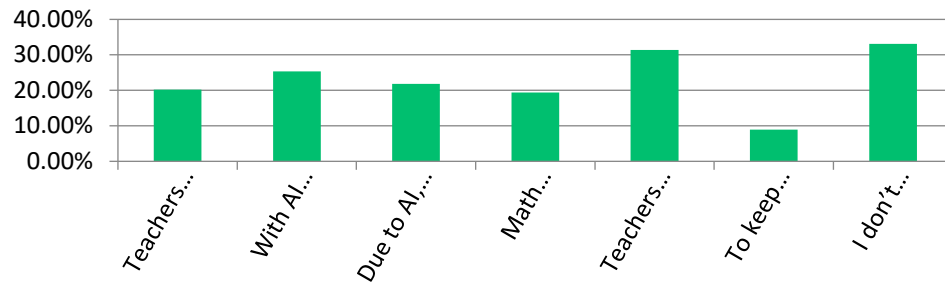
Do you find the student-teacher dynamic has changed as a result of student AI use?



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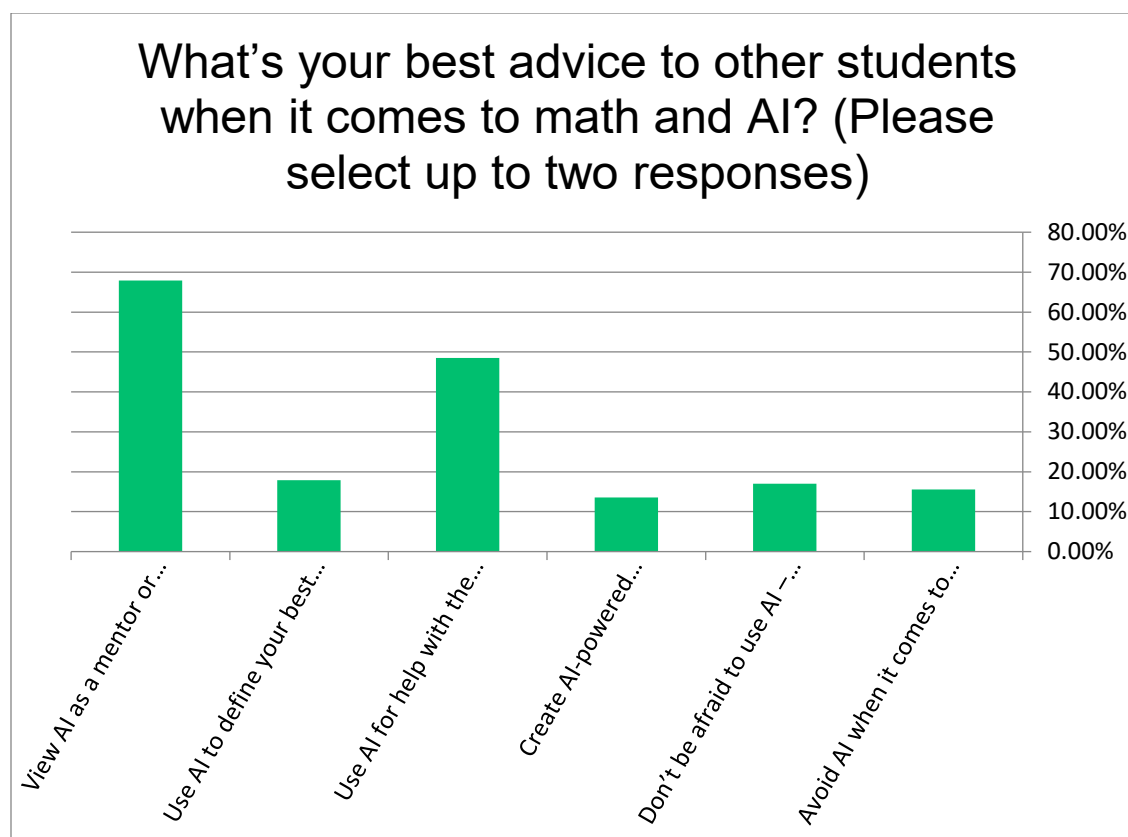
| Answer Choices | Responses |      |
|----------------|-----------|------|
| Yes            | 34.74%    | 461  |
| No             | 40.32%    | 535  |
| Unsure         | 24.94%    | 331  |
|                | Answered  | 1327 |

How do you think the math teacher's role could/should change as a result of student AI use?  
(Please select up to two responses)



How do you think the math teacher's role could/should change as a result of student AI use? (Please select up to two responses)

| Answer Choices   | Responses       |             |
|--|-----------------|-------------|
| Teachers can rely on AI to teach students the basics of math and spend more time explaining real-life applications of math, something they do more effectively than AI can do.                 | 20.20%          | 268         |
| With AI handling routine practice and assessment, teachers can focus more on one-on-one interactions, addressing specific student needs, and nurturing a more supportive learning environment. | 25.32%          | 336         |
| Due to AI, there's a trend towards students preferring independent learning, so teachers can spend more time overseeing and directing students than reviewing concepts.                        | 21.85%          | 290         |
| Math teachers should master AI themselves to be able to properly vet and maximize their students' use of AI.   | 19.37%          | 257         |
| Teachers should put more weight on tests – where AI can't be used – as opposed to homework and class assignments, to ensure student understanding of materials.                                | 31.35%          | 416         |
| To keep up with students' use of AI, teachers should rely more on developing lesson plans that incorporate the use of AI.  | 8.97%           | 119         |
| I don't think the math teacher's role should change as a result of student AI use.   | 33.08%          | 439         |
|  | <b>Answered</b> | <b>1327</b> |

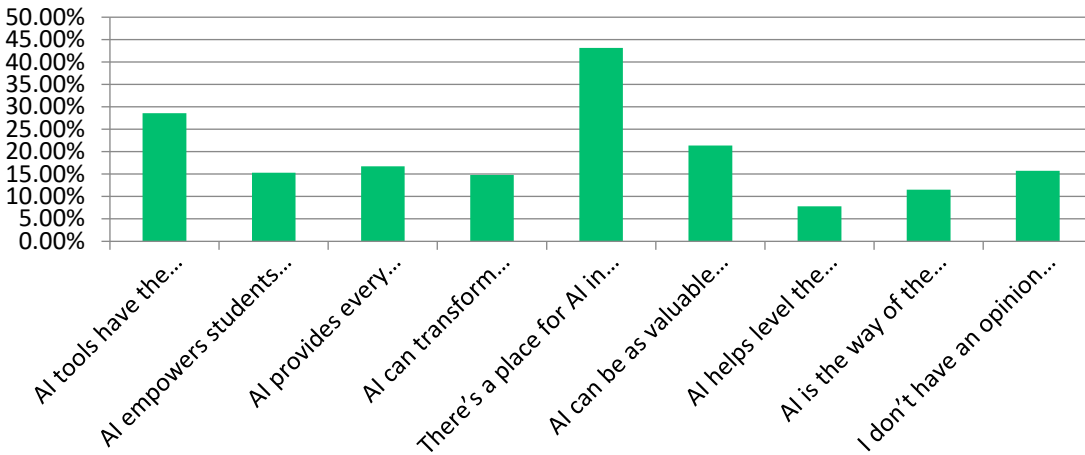


**What's your best advice to other students when it comes to math and AI?  
(Please select up to two responses)**

| Answer Choices   | Responses       |             |
|--|-----------------|-------------|
| View AI as a mentor or study partner rather than a crutch, using it selectively as needed.   | 67.90%          | 901         |
| Use AI to define your best learning style and areas of strength and weaknesses, so you know how to best work and what to focus on.         | 17.86%          | 237         |
| Use AI for help with the process of learning math concepts, rather than to give answers, so you can arrive at the correct answer yourself. | 48.53%          | 644         |
| Create AI-powered flashcards and personalized study plans to help best understand class materials and prepare for tests.                   | 13.56%          | 180         |
| Don't be afraid to use AI – it can help alleviate math anxiety and enable you to perform better overall.                                   | 17.03%          | 226         |
| Avoid AI when it comes to math education.  | 15.60%          | 207         |
|  | <b>Answered</b> | <b>1327</b> |



Which of the following best describes your views about AI and math education  
(Please select up to two responses)



Which of the following best describes your views about AI and math education (Please select up to two responses)

| Answer Choices  | Responses       |             |
|---|-----------------|-------------|
| AI tools have the potential to revolutionize math education by reducing math anxiety among students.  | 28.56%          | 379         |
| AI empowers students to approach math with confidence and enthusiasm.   | 15.30%          | 203         |
| AI provides every student with the opportunity to excel in mathematics.   | 16.73%          | 222         |
| AI can transform mathematical problem-solving into an exciting and rewarding experience, shifting students' perceptions of math from daunting to enjoyable.                             | 14.85%          | 197         |
| There's a place for AI in math education, and it's best used in coordination with human education from teachers to help them create a bridge between prior knowledge and new knowledge. | 43.18%          | 573         |
| AI can be as valuable as textbooks to teach students concepts.  | 21.40%          | 284         |
| AI helps level the playing field for students.  | 7.84%           | 104         |
| AI is the way of the future and both teachers and students will need to embrace it to succeed.  | 11.53%          | 153         |
| I don't have an opinion about AI and math education.  | 15.75%          | 209         |
|   | <b>Answered</b> | <b>1327</b> |