

QUESTIONNAIRE

In order to determine how some mathematics teachers feel about using the hand-held calculator and/or use of the hand-held calculator in mathematics classes, the members of the MCATA are requested to please fill in this questionnaire.

This form has been designed to take a minimum of time to complete. The information you provide will be kept confidential and only summary data will be made public.

Please take the time to complete the form and return it to Ed Carriger, *Delta-K* Editor, RRI, Site 2, Box 3, Bluffton TOC OMO

Please circle the grade(s) in which you teach a mathematics class:

K 1 2 3 4 5 6 7 8 9 10 11 12 College University

For all but the final two items you are asked to mark how you feel about each statement using the categories Strongly Agree (SA), Agree (A), Undecided (U), Disagree (D), or Strongly Disagree (SD).

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|--|----|---|---|---|----|
| 1. More than half of the students I teach have a calculator at home. | SA | A | U | D | SD |
| 2. I personally have a calculator and use it often. | SA | A | U | D | SD |
| 3. Calculators have no place in the elementary classroom (K - 7). | SA | A | U | D | SD |
| 4. Calculators have no place in the junior secondary classroom (8 - 10). | SA | A | U | D | SD |
| 5. Calculators have no place in the senior secondary classroom (11 - 12). | SA | A | U | D | SD |
| 6. Calculators should only be used by "good" students. | SA | A | U | D | SD |
| 7. Calculators should be used by students who cannot remember their basic facts or skills. | SA | A | U | D | SD |
| 8. Calculators will keep students from learning their skills if used before junior secondary school. | SA | A | U | D | SD |
| 9. The school should buy the calculators for each class, just as they do books. | SA | A | U | D | SD |
| 10. Special courses should be designed that would use calculators for most of the computation. | SA | A | U | D | SD |

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|-----|--|-----|----|---|---|----|
| 11. | Most parents I know are against the use of calculators in the schools. | SA | A | U | D | SD |
| 12. | Special materials should be written to be used with the calculator. | SA | A | U | D | SD |
| 13. | Students should be allowed to use the calculator on tests designed to evaluate problem solving ability. | SA | A | U | D | SD |
| 14. | Calculators should be used to extend a student's problem solving ability. | SA | A | U | D | SD |
| 15. | Students should be allowed to use calculators only to check their work. | SA | A | U | D | SD |
| 16. | Calculators could lead to a complete breakdown in students learning basic skills. | SA | A | U | D | SD |
| 17. | Textbooks should have special sections devoted to the use of the calculator. | SA | A | U | D | SD |
| 18. | Special in-service courses should be given to teachers who wish to use the calculator in the classroom. | SA | A | U | D | SD |
| 19. | Calculators will inspire students to continue in mathematics since they take away the drudgery of computation. | SA | A | U | D | SD |
| 20. | Most people in the future will not have to do very much computation because machines will do it for them. | SA | A | U | D | SD |
| 21. | I am convinced that "how to" use the calculator should be taught to every student before leaving secondary school. | SA | A | U | D | SD |
| 22. | The calculator will be a big help to other classes besides mathematics. | | | | | |
| 23. | The sooner we can get the calculator into the classroom the better. | SA | A | U | D | SD |
| 24. | I have used calculators in my classes. | YFS | NO | | | |
| 25. | If you marked "YES" for number 24, would you please describe how you make use of the hand-held calculator in your class(es). | | | | | |

Thank you very much for taking the time to complete the form! We hope that you will return your complete form to the address on the reverse side of this form.