

Math/CS 278 Questionnaire

Make a check mark (x) on the appropriate blank to indicate your response to each item below.

1. I am good _____:_____:_____:_____:_____:_____ bad
Extremely Quite Slightly Neutral Slightly Quite Extremely

at moving from a verbal description of a problem to a precise mathematical formulation/programming code.

2. I am superior _____:_____:_____:_____:_____:_____ inferior
Extremely Quite Slightly Neutral Slightly Quite Extremely

at moving from a verbal description of a problem to a precise mathematical formulation/programming code.

3. I understand _____:_____:_____:_____:_____:_____ do not understand
Extremely Quite Slightly Neutral Slightly Quite Extremely

the progression of thought in the development of mathematics/computer science.

4. I comprehend _____:_____:_____:_____:_____:_____ do not comprehend
Extremely Quite Slightly Neutral Slightly Quite Extremely

the progression of thought in the development of mathematics/computer science.

5. I am able _____:_____:_____:_____:_____:_____ unable
Extremely Quite Slightly Neutral Slightly Quite Extremely

to think about mathematics/computer science issues from multiple points of view.

6. I am capable _____:_____:_____:_____:_____:_____ incapable
Extremely Quite Slightly Neutral Slightly Quite Extremely

of thinking about mathematics/computer science issues from multiple points of view.

7. I am able _____:_____:_____:_____:_____:_____ unable
Extremely Quite Slightly Neutral Slightly Quite Extremely

to fill in the gaps in subtle descriptions of mathematics/computer science issues.

8. I am capable _____:_____:_____:_____:_____:_____ incapable
Extremely Quite Slightly Neutral Slightly Quite Extremely

of filling in the gaps in subtle descriptions of mathematics/computer science issues.

9. I am able _____:_____:_____:_____:_____:_____ unable
Extremely Quite Slightly Neutral Slightly Quite Extremely

to do independent thinking to solve mathematics/computer science problems.

10. I am capable _____:_____:_____:_____:_____:_____ incapable
Extremely Quite Slightly Neutral Slightly Quite Extremely

of doing independent thinking to solve mathematics/computer science problems.

11. I am able _____:_____:_____:_____:_____:_____ unable
Extremely Quite Slightly Neutral Slightly Quite Extremely

to think creatively to solve mathematics/computer science problems.

12. I am capable _____:_____:_____:_____:_____:_____ incapable
Extremely Quite Slightly Neutral Slightly Quite Extremely

of thinking creatively to solve mathematics/computer science problems.

13. I understand _____:_____:_____:_____:_____:_____ do not understand
Extremely Quite Slightly Neutral Slightly Quite Extremely

the purpose of mathematics/computer science.

14. I comprehend _____:_____:_____:_____:_____:_____ do not comprehend
Extremely Quite Slightly Neutral Slightly Quite Extremely

the purpose of mathematics/computer science.

15. I am good _____:_____:_____:_____:_____:_____ bad
Extremely Quite Slightly Neutral Slightly Quite Extremely

at linking mathematics/computer science topics together.

16. I am superior _____:_____:_____:_____:_____:_____ inferior
Extremely Quite Slightly Neutral Slightly Quite Extremely

at linking mathematics/computer science topics together.

17. I am sure _____:_____:_____:_____:_____:_____ unsure
Extremely Quite Slightly Neutral Slightly Quite Extremely

that I can handle mathematics/computer science concepts I have never seen before.

18. I am confident _____:_____:_____:_____:_____:_____unconfident
Extremely Quite Slightly Neutral Slightly Quite Extremely

that I can handle mathematics/computer science concepts I have never seen before.

19. I am able _____:_____:_____:_____:_____:_____unable
Extremely Quite Slightly Neutral Slightly Quite Extremely

to explain mathematics/computer science concepts in writing.

20. I am capable _____:_____:_____:_____:_____:_____incapable
Extremely Quite Slightly Neutral Slightly Quite Extremely

of explaining mathematics/computer science concepts in writing.

Answer the following two questions if you worked on a historical project in this course.

In your opinion, what are the benefits of learning mathematics/computer science from historical sources?

In your opinion, what are the drawbacks of learning mathematics/computer science from historical sources?