

## Survey questionnaire

This survey questionnaire contains a set of questions to determine the respondents' level of math anxiety.

### METRIC

Year of birth	
Sex	
Education <sup>1</sup>	
Math grade on high school diploma	
Math high-school leaving exam <sup>2</sup>	

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<sup>1</sup> Select one answer from: PRIMARY, SECONDARY or HIGH.

<sup>2</sup> Answer YES or NO.

**PART A<sup>3</sup>.**

**INDICATE YOUR LEVEL OF CONCERN WITH THE FOLLOWING SITUATIONS**

1. Solving an arithmetic tasks involving fractions.

*Insert X in the most appropriate place*

I don't feel anxious at all	I feel a little anxious	Neither yes nor no	I definitely feel anxious	I feel extremely anxious	Hard to say

Briefly justify your response

.....  
.....  
.....  
.....

2. Figuring the tax on a purchase.

*Insert X in the most appropriate place*

I don't feel anxious at all	I feel a little anxious	Neither yes nor no	I definitely feel anxious	I feel extremely anxious	Hard to say

Briefly justify your response

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.....  
.....  
.....

3. Standing in the supermarket checkout line and trying to figure out if the total makes sense.

*Insert X in the most appropriate place*

I don't feel anxious at all	I feel a little anxious	Neither yes nor no	I definitely feel anxious	I feel extremely anxious	Hard to say

Briefly justify your response

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.....  
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4. Splitting the check with friend at a restaurant.

*Insert X in the most appropriate place*

I don't feel anxious at all	I feel a little anxious	Neither yes nor no	I definitely feel anxious	I feel extremely anxious	Hard to say

<sup>3</sup> The Part A was inspired by the one published in *The New York Times* in August 24, 2015.

[Do You Have Math Anxiety? - The New York Times \(nytimes.com\)](http://www.nytimes.com)

Briefly justify your response

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5. Interpreting mathematical information in a news story (charts, tables, etc.).

*Insert X in the most appropriate place*

I don't feel anxious at all	I feel a little anxious	Neither yes nor no	I definitely feel anxious	I feel extremely anxious	Hard to say

Briefly justify your response

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6. Figuring out how much you save by buying on sale.

*Insert X in the most appropriate place*

I don't feel anxious at all	I feel a little anxious	Neither yes nor no	I definitely feel anxious	I feel extremely anxious	Hard to say

Briefly justify your response

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.....  
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7. Figuring out how much you will be paid working 17 days knowing that that daily rate is 150 EUR.

*Insert X in the most appropriate place*

I don't feel anxious at all	I feel a little anxious	Neither yes nor no	I definitely feel anxious	I feel extremely anxious	Hard to say

Briefly justify your response

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8. Learning a new math skills.

*Insert X in the most appropriate place*

I don't feel anxious at all	I feel a little anxious	Neither yes nor no	I definitely feel anxious	I feel extremely anxious	Hard to say

Briefly justify your response

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9. Opening a math workbook.

*Insert X in the most appropriate place*

I don't feel anxious at all	I feel a little anxious	Neither yes nor no	I definitely feel anxious	I feel extremely anxious	Hard to say

Briefly justify your response

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10. Explaining how to solve a math workbook.

*Insert X in the most appropriate place*

I don't feel anxious at all	I feel a little anxious	Neither yes nor no	I definitely feel anxious	I feel extremely anxious	Hard to say

Briefly justify your response

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**PART B.**  
**ADDITIONAL INFORMATION**

1. Does the nature of your work require the use of mathematical skills/competencies??

YES → Go to the question no 2

NO → Go to the question no 3

Hard to say → Go to the question no 3

2. To what extent do you use your mathematical skills/competencies in your current job?

*Insert X in the most appropriate place*

Very small	Small	Neither yes nor no	Big	Very big	Hard to say

Briefly justify your response

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3. Do you recall how you were referred to by people in whose presence your deficiencies in mathematical skills appeared?

YES (cite the statements of the aforementioned people)

NO

NOT APPLICABLE

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4. Do you think your math deficits condition your career choices?

YES (justify your answer)

NO (justify your answer)

NOT APPLICABLE

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.....

5. Do you see science-minded people as better than you are?

YES (justify your answer)

NO (justify your answer)

NOT APPLICABLE

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.....

6. Would you agree with the statement that mathematical errors carry more serious consequences than errors in the humanities area?

YES (justify your answer)

NO (justify your answer)

NOT APPLICABLE

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.....

7. Select one of the answers:

I AM A HUMANIST <sup>4</sup>

I AM A SCIENTIST

Justify your choice

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.....

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<sup>4</sup> The division between "humanists" and "scientists" has been described by cultural researchers. "Humanists" are considered to be people who are more likely to study subjects with a humanistic profile (Polish literature and culture, history, sociology, etc.), as opposed to "scientists" who are fond of classes with a mathematical and natural science profile (mathematics, biology, etc.).