

# Partially based on the TIMSS & PIRLS 2011 Questionnaire

## Student Questionnaire



Universidad de Oviedo

Departamento de Estadística e I.O.  
y Didáctica de la Matemática

Grupo de Investigación SMIRE  
(<http://bellman.ciencias.uniovi.es/SMIRE>,  
<http://grupos.uniovi.es/web/smire>)

<Grade 4>



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# Directions

In this booklet, you will find questions about you and what you think. For each question, you should choose the answer you think is best.

Let us take a few minutes to practice the kinds of questions you will answer in this booklet.

**Example 1** is one kind of question you will find in this booklet.

## Example 1

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Do you go to school?

Fill **one** circle only.

Yes -----○

No -----○

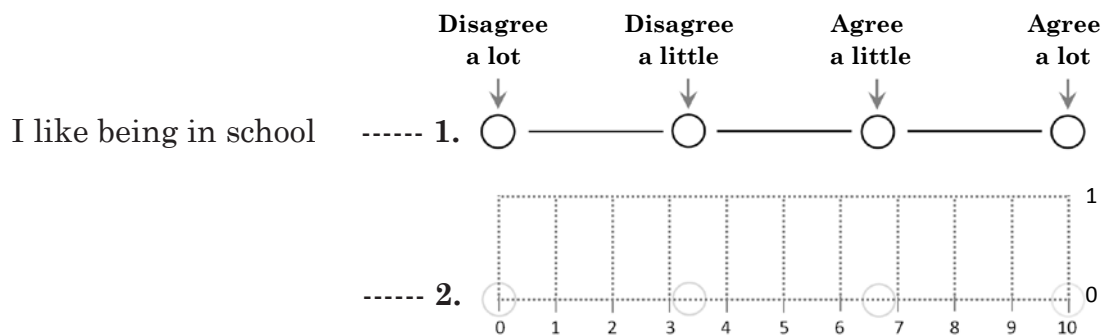
**Example 2** is another kind of question you will find in this booklet.

## Example 2

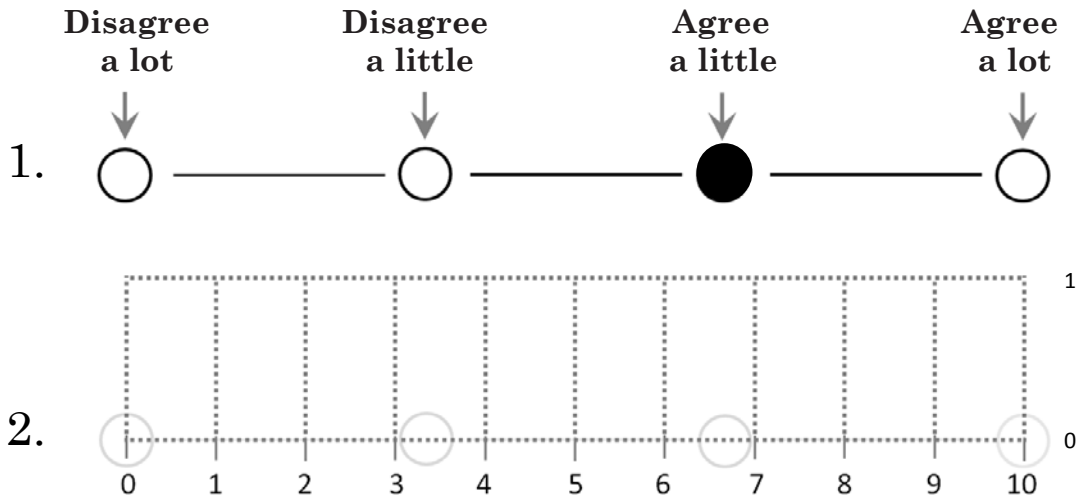
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What do you think about your school?

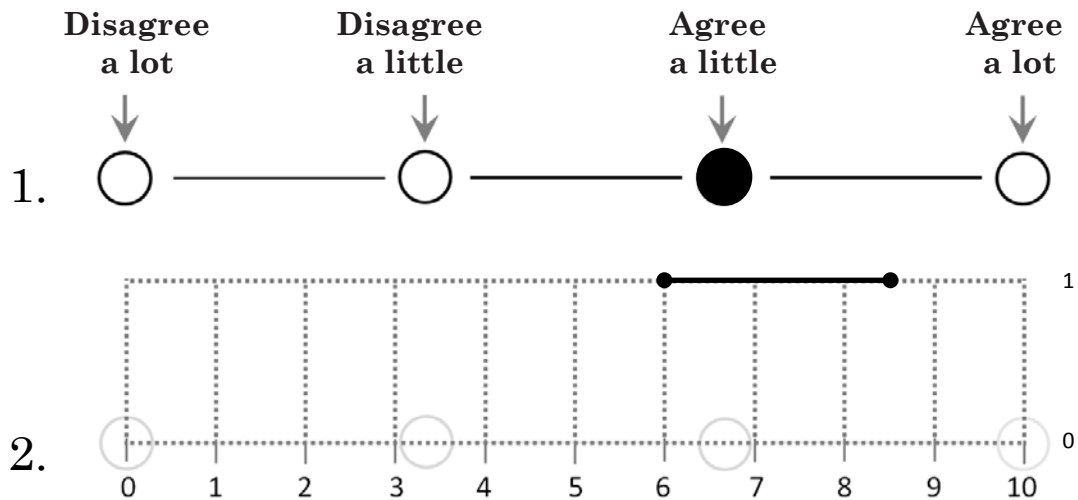
Tell **how much** you **agree with** the following statement



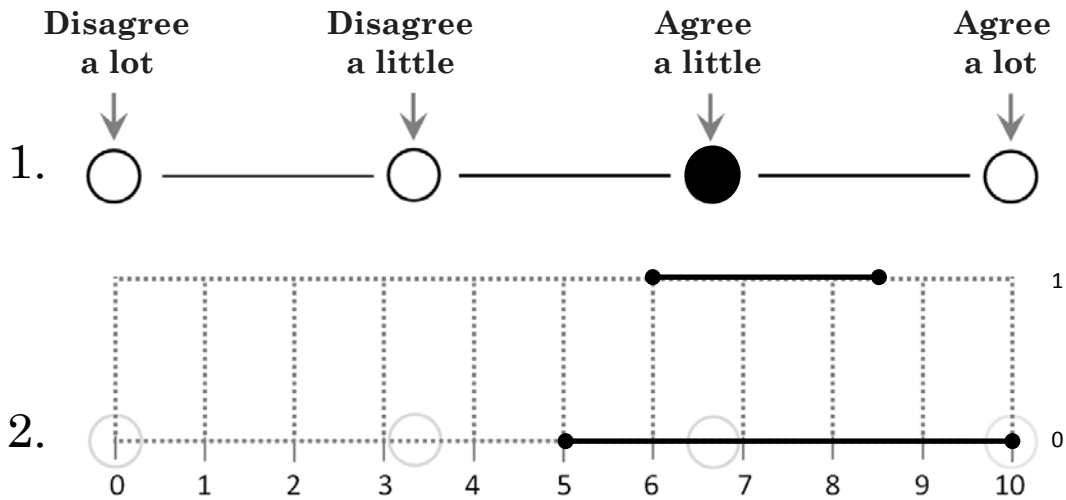
- Read each question carefully and pick the answer in **1** you think is best by filling the circle under such an answer.



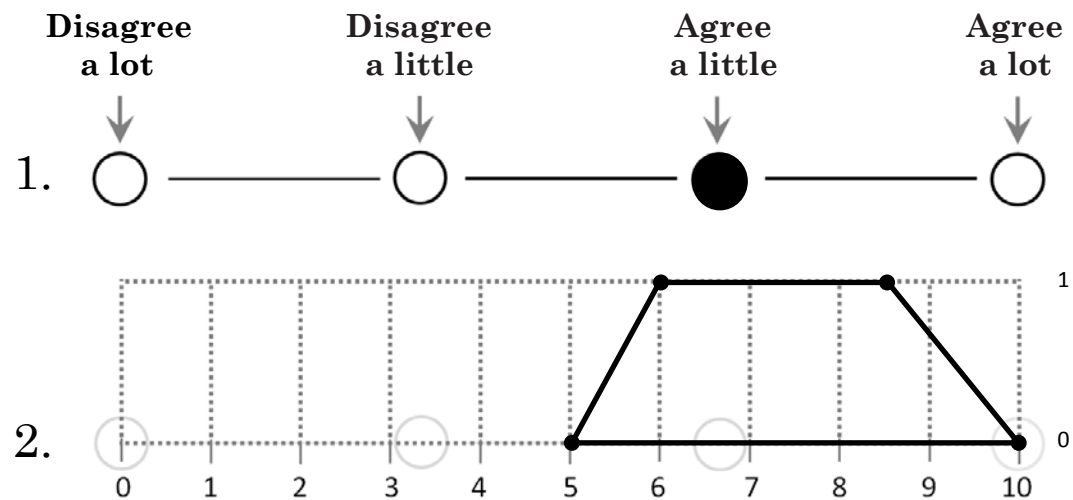
- Read each question carefully and draw the answer in **2** in such a way that the answer is a trapezium (in particular, it can be a triangle), so that
  - the upper base (with altitude equal to 1) is the line segments with end-points between 0 and 10 that fully describes your rating on your opinion



- the lower base is the line segments with end-points between 0 and 10 that describes to some extent your rating on your opinion.



- The legs of the trapezium can be immediately drawn.



When one can only answer through 1, many respondents would like to have chance to choose something 'in between'. At the same time to choose a single value 0 to 10 is often viewed as too demanding in such an imprecise context.

The type of answer in 2 allows respondents to be more flexible and to indicate not only the 'fully preferred' values for rating their opinion but also those which can be preferred to some extent.





# General questions

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## Are you a girl or a boy?

Fill **one** circle only.

Girl -----       Boy -----

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## When were you born?

Fill the circles next to the month and year you were born.

### a) Month

January --   
February --   
March --   
April --   
May --   
June --   
July --   
August --   
September --   
October --   
November --   
December --

### b) Year

2000 --   
2001 --   
2002 --   
2003 --   
2004 --   
2005 --   
2006 --

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## Do you have any of these things at your home?

Fill **one** circle only.

	Yes ↓	No ↓
a) Computer .....	<input type="radio"/>	<input type="radio"/>
b) Study desk/table for your use .....	<input type="radio"/>	<input type="radio"/>
c) Books of your very own (excluding your school books) .....	<input type="radio"/>	<input type="radio"/>
d) Your own room .....	<input type="radio"/>	<input type="radio"/>
e) Internet connection .....	<input type="radio"/>	<input type="radio"/>

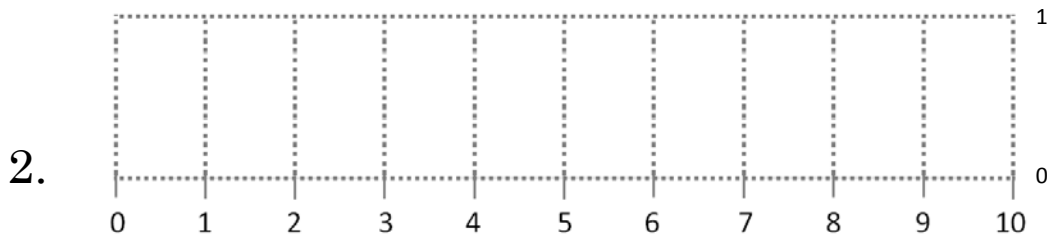
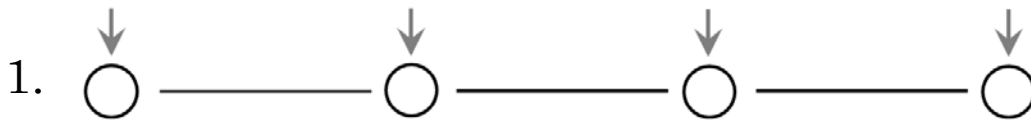
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## How often do you use a computer in each of these places?

*Tell how much you agree with the following statements*

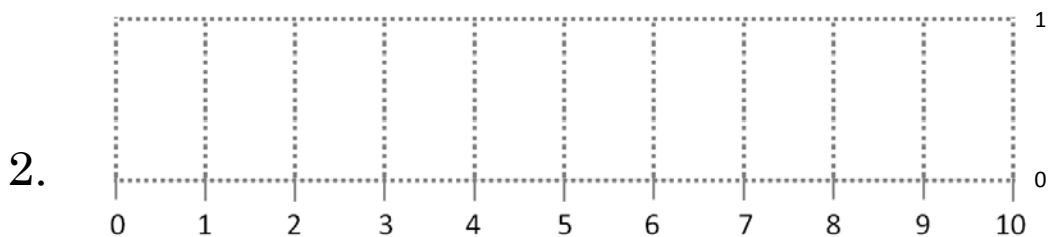
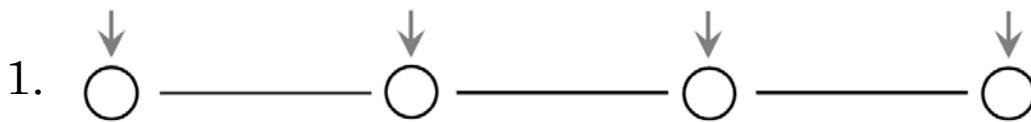
a) At home

**Never or almost never**      **Once or twice a month**      **Once or twice a week**      **Everyday or almost everyday**



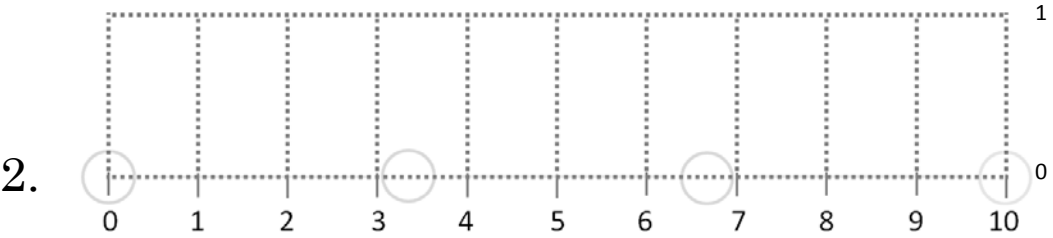
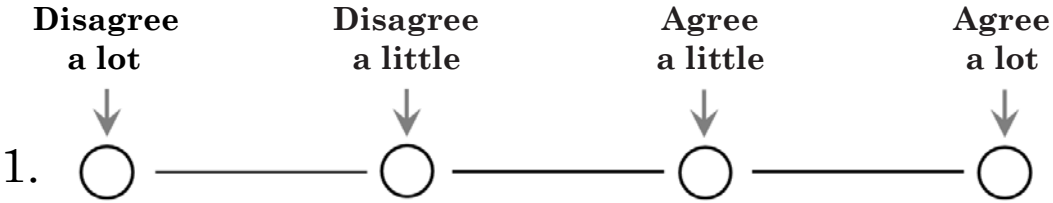
b) At school

**Never or almost never**      **Once or twice a month**      **Once or twice a week**      **Everyday or almost everyday**





R.3) Reading is harder for me than any other subject



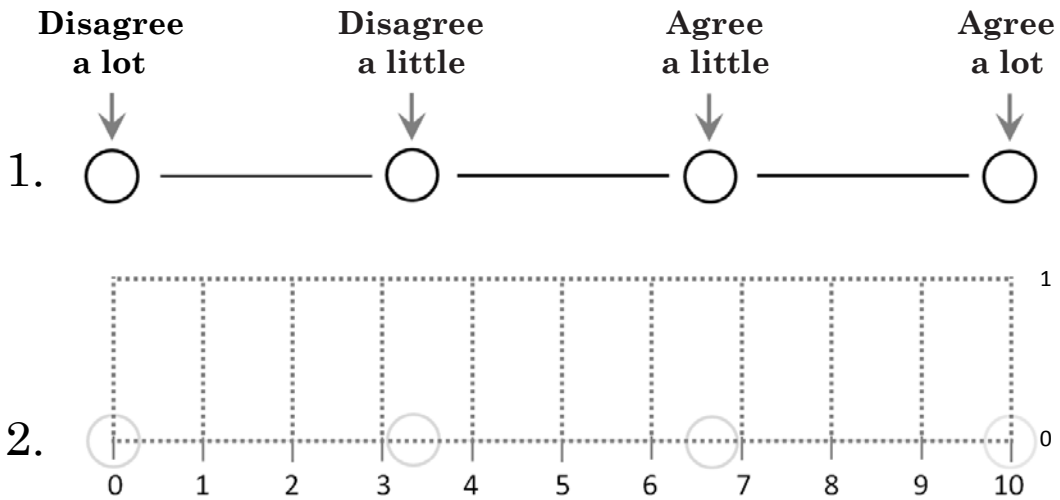
R.4) What mark have you taken in your last reading exam?

# Mathematics in school

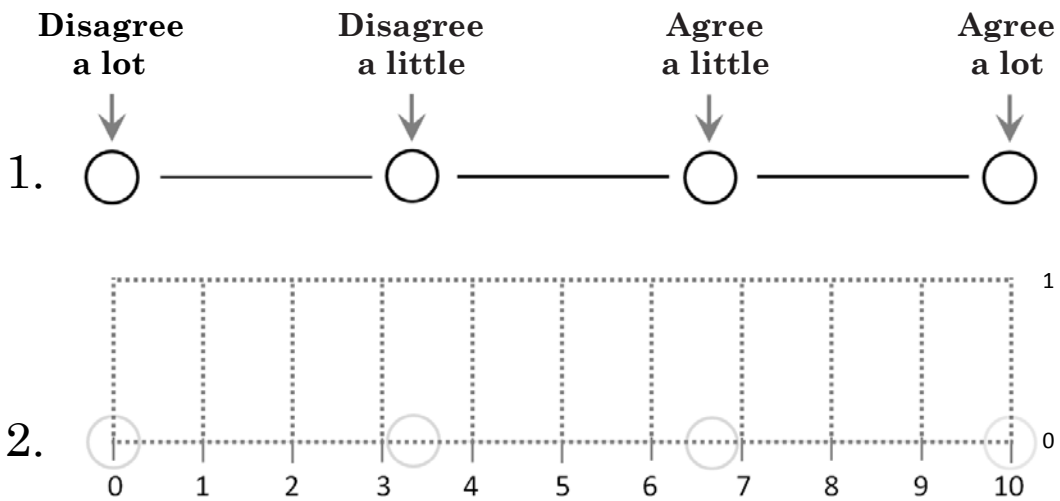
## Mathematics

*Tell how much you agree with the following statements*

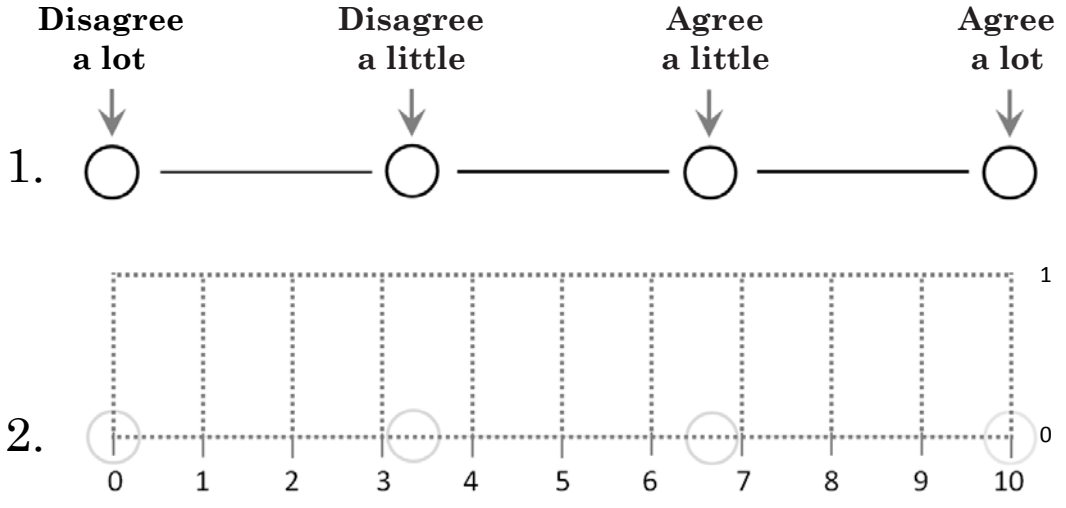
M.1) I like mathematics



M.2) My teacher is easy to understand



M.3) Mathematics is harder for me than any other subject



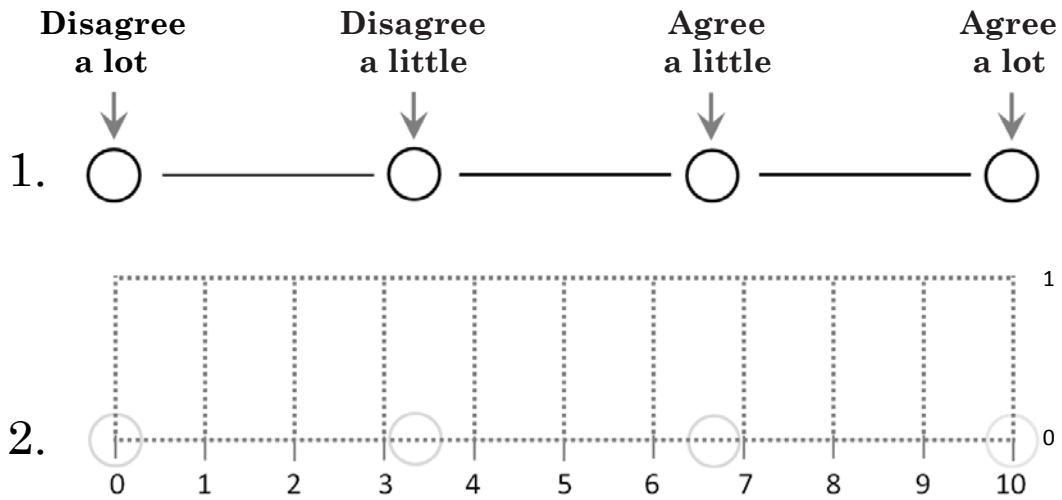
M.4) What mark have you taken in your last mathematics exam?

# Science in school

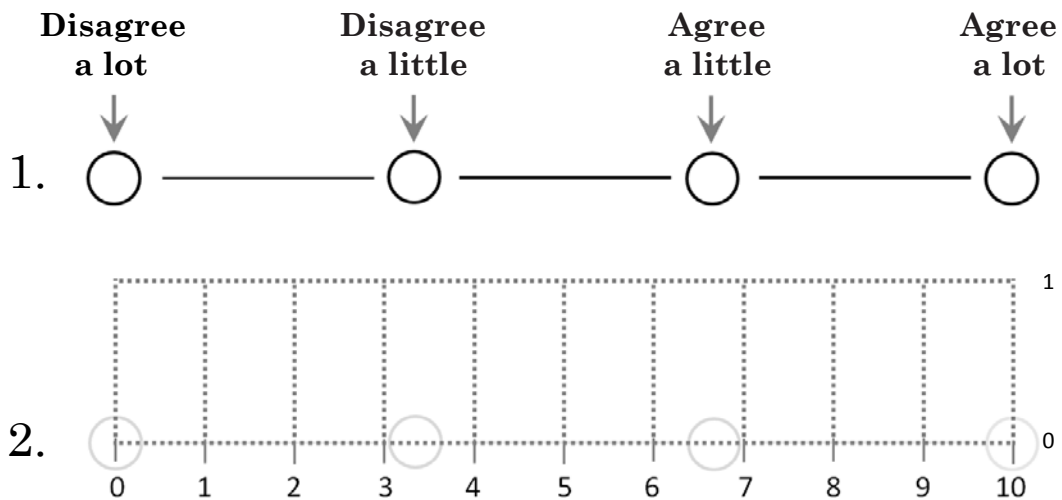
## Science

*Tell how much you agree with the following statements*

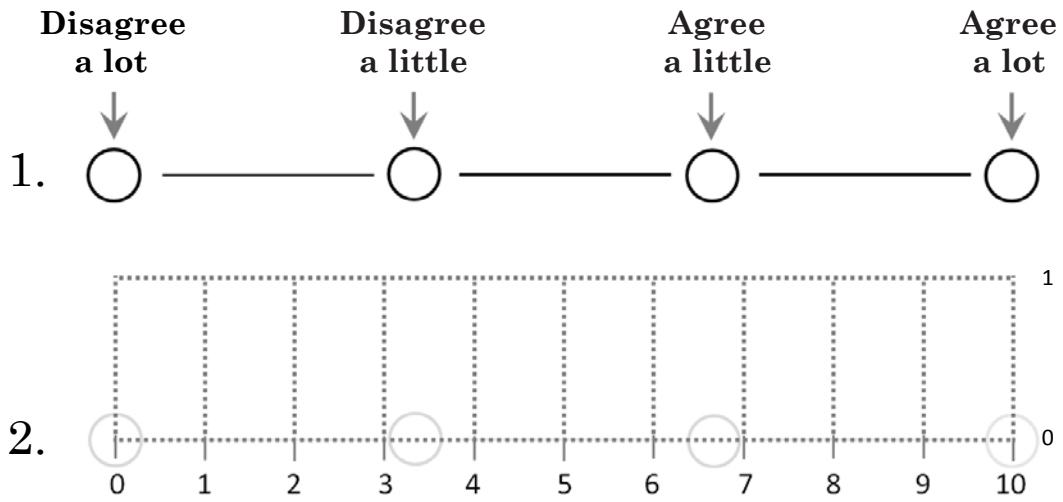
S.1) My teacher taught me to discover science in daily life



S.2) I read about science in my spare time



S.3) Science is harder for me than any other subject



S.4) What mark have you taken in your last science exam?



**Thank you for having  
filled the questionnaire!**

**S M I  E**

Research Group

STATISTICAL METHODS WITH IMPRECISE RANDOM ELEMENTS



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