**Worksheet**

Students from Spain, Romania and Greece answered the quiz. Their answers have been collected in the tables below in order to carry out statistics and draw conclusions.

**Topic*:* Influencing factors  *(Group 4)***

**Tasks:**

1. Open Microsoft Excel and insert 4 sheets and rename them according to the number of question – Q1, Q2, Q3 etc.
2. In every spreadsheet create the table corresponding to each question. See the example below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Question 19** | **The atitude you have towards maths was influenced by the teachers you had in junior high school(gymnasio)** | | | | |
| **Strongly disagree** | **Disagree** | **Not sure** | **Agree** | **Strongly agree** |
| **Spain** | 3 | 4 | 9 | 10 | 6 |
| **Romania** | 2 | 10 | 25 | 52 | 23 |
| **Greece** | 4 | 13 | 16 | 21 | 8 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Question 20** | **The atitude you have now towards maths was influenced by your parents.** | | | | |
| **Strongly disagree** | **Disagree** | **Not sure** | **Agree** | **Strongly agree** |
| **Spain** | 10 | 8 | 7 | 5 | 2 |
| **Romania** | 15 | 43 | 36 | 16 | 2 |
| **Greece** | 12 | 25 | 17 | 8 | 0 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Question 21** | **Does your mother believe that she is good at maths?** | | |
| **Yes** | **No** | **Not sure** |
| **Spain** | 11 | 2 | 0 |
| **Romania** | 32 | 39 | 41 |
| **Greece** | 16 | 21 | 25 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Question 22** | **Does your dad believe that he is good at maths?** | | |
| **Yes** | **No** | **Not sure** |
| **Spain** | 19 | 13 | 0 |
| **Romania** | 66 | 46 | 0 |
| **Greece** | 21 | 14 | 27 |

1. Based on tables created before, make the following diagrams on every spreadsheet:

* A pie chart with the answers of students from Spain (with the name of the chart - Spain) – add percentage on it
* A pie chart with the answers of students from Romania (with the name of the chart – Romania) – add percentage on it
* A pie chart with the answers of students from Greece (with the name of the chart - Greece) – add percentage on it
* A bar chart that represents a comparison of the answers: take the percentage obtained from all three pie charts and transfer it into a table. Based on data in the table make the diagram.

*Example:*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **yes** | **no** | **i don't know** |
| **Spain** | 9% | 66% | 25% |
| **Romania** | 19% | 49% | 32% |
| **Greece** | 16% | 42% | 42% |

1. Access the link you received and open the document. Copy the bar chart next to each question you studied and complete the conclusion reached after analyzing the answers.
2. Access [www.canva.com](http://www.canva.com), log in and make an info chart named Maths is All around us, starting from the answers analyzed. Please use only items that are available for free in Canva.