In my mind, the beauty of mathematics is hidden in its purity of thought and the results that we get from it. It is very astonishing process when scientists explore definitions and problems that are normal for everybody and find out unbelievable, sometimes even philosophical, things. For instance, Georg Cantor had never completely understood what means word “infinity” and tried to find what pure infinity is. Because of this he has created the whole “Set theory” and even proved that some infinities are greater than other. Here is another example: in the 20th century the mathematician Alan Turing had been studying processes by which animal organs grow and he has found that the symmetry is the key to this. Today his studies are developed in a further way and a lot of evidences were found that symmetry is the key to almost every process in the whole universe, which can make everybody think. To sum it up, mathematics is our way to understand everything about the world we live, and it make it as beautiful as the world itself.