Осипенко Д. 595 гр. 1 подгруппа.

**THE GREAT MATH MYSTERY. The Language of the Universe**

https://www.youtube.com/watch?v=tou8kXq6hHE

**Задание I.**

**Посмотрите фильм «The Great Math Mystery. The Language of the Universe» и расположите пункты плана в правильном порядке.**

1. Ancient Greek philosopher Pythagoras explored the affinity between Math and music.
2. Galileo derived the law of falling objects.
3. Introduction. Mysterious connection between Math and the world.
4. Animals show sensitivity to quantity.
5. Fibonacci series
6. There is a huge ocean of things inaccessible to mathematical methods.
7. Plato believed that Geometry and Mathematics existed in their own ideal world.
8. Isaac Newton based his contribution to science on Mathematics.
9. The works of J.C. Maxwell and G. Marconi and P. Higgs demonstrate the predictive power of Mathematics.
10. Mathematics does well in explaining the universe.

**3,11,5,8,1,7,4,2,9,12,10,6**

**Задание II.**

**Обратитесь к той части видео, где говорится о Платоновых телах (правильных многогранниках) и соотнесите каждый из них с той стихией, которой наделил их древнегреческий философ:**

|  |  |
| --- | --- |
| 1. CUBE | 1. AIR |
| 1. TETRAHEDRON | 1. EARTH |
| 1. OCTAHEDRON | 1. THE UNIVERSE |
| 1. ICOSAHEDRON | 1. FIRE |
| 1. DODECAHEDRON | 1. WATER |

**1-b), 2-d), 3-a), 4-e), 5-c)**

**Задание III.**

**Определите, кому принадлежат следующие высказывания, программисту или физику *- a) programmer; b) physicist*:**

1. Mathematics works well to describe reality. – a)
2. Our physical world doesn’t have **some** mathematical properties, it has **only** mathematical properties. Math is our physical reality – b)