**Andrew Konstantinovich Nartov  
 (1693 – 1756)**

* **the dates of the life 1693 – 1756**
* **to be born in Moscow**
* **To be called by Peter I to**
* **St.Perersburg, to be his “personal turner”**
* **to be one of the remarkable mechanical engineers and inventors**
* **to invent optics (оптические приборы)**

**Ivan Kulibin  
 (1735— 1818)**

* **the dates of his life 1735-1818**
* **to be born in Nizhniy Novgorod**
* **Russian mechanic and self-educated person**
* **To create a clock in a shape of an egg**
* **to be appointed a head of a mechanical workshop**
* **to design from clocks to ships**

**Pyotr Kozmich Frolov  
(1775—1839)**

* **the dates of his life 1775—1839**
* **to work in Altai, to study Primary Metal Manufacturing (металлургическое производство)**
* **to be found a Picture Gallery in Barnaul**
* **to create the1st in Russia cast-iron (чугунная) railway**
* **to develop metallurgical technology**
* **to found a museum of local lore (краеведческий)**

**BORIS SEMYONOVICH JACOBI  
(1801-1874 )**

* **the dates of the life: 1801 – 1874**
* **to be born in Germany, Potsdam**
* **to be a German by birth**
* **to study at university in Gottingen, a professor of civil architecture**
* **To be a Russian physicist, to invent electrical appliances in the sphere of electrical engineering**
* **to die in St. Petersburg**

**ALEXANDER STEPANOVICH POPOV  
(1859 -1906)**

* **the dates of the life: 1859 – 1906**
* **to be born in the village Turinskiye Rudniki (now Krasnoturinsk, Sverdlovsk Oblast) in the Ural mountains**
* **to be a Russian physicist**
* **to invent a radio**
* **To receive a good education at the seminary at Perm, and later to study physics at the St. Petersburg university.**
* **to die of a brain hemorrhage (кровоизлияние) on January 13, 1906**.