



**Homework N. 2**

**Name:** .....

1. Read carefully about inventions and complete the missing information.

**FOUR inventions that made the modern world**

**1 Camera**

We take photos on our phones and share them with our friends in seconds. But when the first camera was invented in 1827, it took eight hours to develop the photos! In 1888, the American George Eastman invented the 'Kodak photographic machine' which was smaller and had flexible film. Suddenly ordinary people could take photos. Early photos were in black and white, but colour film was introduced in the 1930s.

**2 Combustion engine**

Imagine if there were no cars, motorbikes, lorries or buses! The combustion engine was invented by a German, Nikolaus Otto, in 1878. And another German, Karl Benz, built the first car in 1885 using Otto's new engine. In 1888, his wife Bertha was the first long-distance driver of this three-wheeled car. She drove their teenage sons on a 106-kilometre trip. It was a long journey because the car went at 16 km an hour! And Bertha had to repair the car during the trip!

**3 Light bulb**

Is it getting dark? Well, turn on the light! The first successful light bulb was invented in 1879 by the American inventor, Thomas Edison. A light bulb is a glass bulb which is filled with gas and has a thin wire inside it. The wires in the earlier light bulbs burnt quickly, so Edison tried thousands of different wires before he found the right one! Edison is also famous for developing the world's first electric lighting system, which was in New York.

**4 Laser**

When you play a DVD or a CD, buy things at a cash desk, download music or send an email you are using a laser. Albert Einstein predicted laser technology, but it was developed 40 years later in 1960 by an American called Theodore Maiman. A laser is a concentrated beam of light and it has thousands of uses in medicine, computing, industry, astronomy and medicine. In future lasers may help us produce solar energy.

- ..... was invented by ..... in ....., this one helped .....
- ..... was invented by ..... in ....., this one helped .....
- ..... was invented by ..... in ....., this one helped .....
- ..... was invented by ..... in ....., this one will help .....