Name: _____ Department: _____

Read the following articles and answer the questions (10 Points)

The Ford Motor Company has **revealed** plans to **invest** over 11 billion dollars in the **development** and **production** of electric cars by 2022. The **announcement** was **made public** at the Detroit Motor Show. The American carmaker plans to produce 16 **fully** battery-driven **vehicles** and 24 **hybrid cars** by 2022. At the moment the Focus is the only Ford car that can be driven by batteries alone. **Apart from** producing electric-driven cars for the North American market, Ford also **aims** at increasing **sales** to China, the largest growing car market in the world. **In addition**, it wants to become the world's leader in **fuel-efficient** trucks. The car producer also plans to bring a **battery-driven SUV** onto the market by 2020. **Instead of** creating completely new electric vehicles **from scratch**, Ford wants to **electrify** cars that are already **popular** because people will know what they get and buy more easily.

1) What happened in the article?

_____

2) Where does the announcement take place?

_____

3) "It wants to become the world's leader in fuel-efficient trucks" which company was referred on this statement?

_____

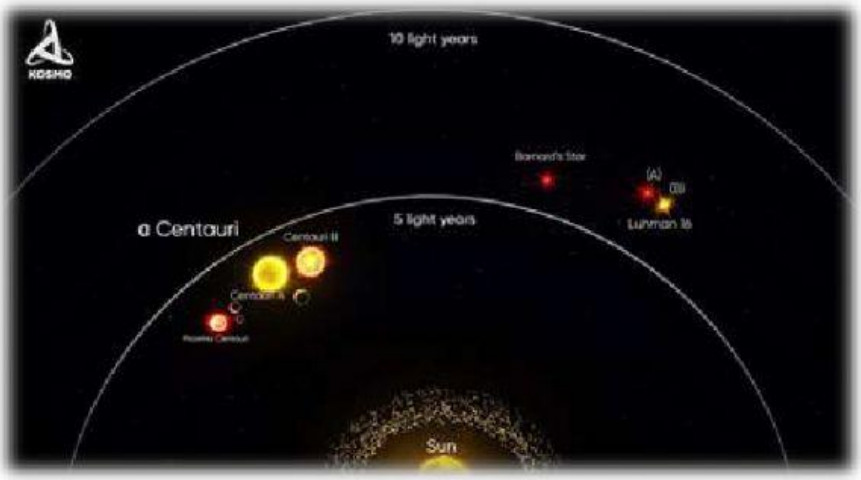
4) Why Ford aims to increase their sales in China?

_____

5) Why Ford decided to electrify popular cars?

_____

Name: _____ Department: _____




NASA has **announced** that it plans to send a **spacecraft** to the nearest star outside the **solar system**, Alpha Centauri, in 2069. The **bold mission** is **scheduled** to **coincide** with the 100th **anniversary** of the first manned **lunar** landing in 1969. The **announcement** comes from the Jet Propulsion Laboratory, which is **responsible** for planning new missions within the solar system and **beyond**. Alpha Centauri is a system of three stars, just four **light years** away. Even at a tenth of the speed of light, which NASA experts say may be possible, it would take a spacecraft 44 years to **reach** the **constellation**. The **technology** for such a mission, however, does not even exist yet. Some form of **laser**-powered sails or a **nuclear propulsion system** would have to be created to reach such a speed. NASA's first **interstellar** mission would concentrate on **exploring** one of the system's **exoplanets**, Proxima Centauri b, which may be **habitable**.

**1) What happened in the article?**

_____

**2) Where does the announcement come from?**

_____

**3) What is Alpha Centauri?**

_____

**4) Which system would be habitable for human?**

_____

**5) How long does it take to reach Alpha Centauri's constellation?**

_____