**SpaceX Company History**

SpaceX started in 2002, and was founded by Elon Musk. It had very humble beginnings.

At first, it was entering the ten promising, but still very small satellite launch businesses. At that time, there were a number of cubesats and small satellites that were having great difficulty launching. The Falcon 1 rocket had five launches, the last two of which were successful.

In 2008 SpaceX decided that the small satellite market wasn’t worth much, and instead concentrated on the Falcon 9. The profit margins are much higher for a larger rocket and, in addition, there wasn’t really that much demand for a low capacity rocket.

From 2010 to 2013 SpaceX was only launching a few rockets per year, and while it was threatening to overtake the space market, it wasn’t quite there. Then it announced it intended to make rockets reusable. It took many attempts to finally achieve this, but on Dec 22, 2015, for the OG-2 mission, SpaceX was successful in landing an orbital class booster rocket vertically, a world first.

At this point in time, the number of SpaceX’s launches per year is increasing drastically. There were 18 launches in 2017, which was as many as from 2010-2015. 2018 is looking to be at an even faster pace. SpaceX has become known as a leader in pushing forward the boundaries of technology.

**Questions.**

1. How many successful launches did Falcon 1 have? (1 pt)

Answer:

The Falcon 1 rocket had only two successful launches out of five.

1. Why did SpaceX decide to focus their efforts on Falcon 9? (1 pt)

Answer:

The profit is higher for a larger rocket and, at that time there wasn’t much demand for a low capacity rocket.

1. In space market, are profit margins higher for a smaller, or a larger rocket? (1 pt)

Answer:

In space market the profit margins are higher for a larger rocket.

1. How many launches did Space X have during the five-year-period of 2010 – 2015? (1 pt)

Answer:

There were 18 launches during the five-year-period of 2010 – 2015.

1. If you had a capital similar to those that Musk invested in SpaceX what would you choose to do with it? (3 pts)

Answer:

I would choose to invest the capital in development of big cargo transportation company with maximum automatic logistics management system and maybe even to automize cargo loading and delivering process.

1. How important do you think for our society, is the work that is done by SpaceX corporation?

(3 pts)

Answer:

I think the work that is done by SpaceX corporation is very important because it helps to create and promote the modern space technologies. SpaceX has many interesting missions intended to develop the humanity behind the Earth and probably to colonize other planets.