

Name:

1 Write T (true) or F (false).

- 1 Elon Musk was born in Pretoria, South Africa.
- 2 Elon has an older brother and sister.
- 3 Elon liked bookstores more than sports.
- 4 When Elon was eight, his parents divorced.
- 5 Elon bought the code for a video game for \$500.
- 6 Elon's father could be difficult at times.

...../6

2 Complete the text. Choose the correct words (a, b, c or d).

Elon became more and more ¹ **a interesting** in living and working in the United States of America.
b interested
c interest
d interestingly

When he finished high school, he started ² **a studies** at the University of Pretoria. At the same time,
b study
c studied
d studying

he ³ **a was** planning to become Canadian, like his mother. At the age of seventeen, he left South
b are
c is
d were

Africa for Canada. This was the first step in his plan ⁴ **a living** and work in the USA.
b to live
c lives
d lived

Elon flew to Montreal in Canada in June 1988. He was hoping to meet one of his uncles ⁵ **a** here .

- b** there
- c** nearby
- d** around

But, when he got to Montreal, he learned that his uncle did not live there any more. He was in the USA.

Elon did not know ⁶ **a** no one in Montreal, so he bought a bus ticket and started traveling across the

- b** someone
- c** everyone
- d** anyone

country. ⁷ **a** For the next year Elon traveled across Canada. He worked on a farm in Waldeck,

- b** After
- c** In
- d** By

Saskatchewan, and at a factory in Vancouver, British Columbia. He visited a lot of different places and

⁸ **a** have a lot of different jobs.

- b** to have
- c** having
- d** had

...../8

3 Put the events from Chapter Two in the correct order (1–7).

- a** Greg Kouri started to work for the company.
- b** The investors asked Peter Thiel to come back as CEO.
- c** Rich Sorkin became CEO of the company.
- d** Elon started a business with his brother in Silicon Valley.
- e** Elon opened an online bank.
- f** Compaq Computer bought the company for \$307 million.
- g** PayPal and X.com became one company.

...../7

4 Match the words in the box with the definitions.

develop hire invest run software space spend test

- 1 To give someone a job at a company.
- 2 The place outside Earth.
- 3 To see how well something new works.
- 4 When new ideas or projects change and grow.
- 5 When a person decides what a company will do.
- 6 What you use on a computer.
- 7 To put money into something because you want to make more money.
- 8 When you use your time in a place or with a person.

...../8

5 Match the two parts of the sentences. Draw lines between them.

- 1 Elon was not a young start-up engineer any more,
 - 2 They moved to LA
 - 3 Elon wanted Americans to get interested in space again,
 - 4 He wanted to show the world
 - 5 Because Russian rockets were expensive,
 - 6 When Elon sold PayPal,
- a but many people thought that he was crazy.
 - b Elon decided to build one himself.
 - c he finally had enough money to build a rocket.
 - d and he did not want to live in Silicon Valley.
 - e that you could grow plants on Mars.
 - f because it was the center of the space industry.

...../6

6 Tick the four true sentences.

- 1 Most companies like to have engineers and machines in the same building.
- 2 SpaceX wanted their rockets to be cheaper than other rockets.
- 3 The military did not think that Elon could make cheaper rockets.
- 4 Elon found it hard to work after his son died.
- 5 Mary Beth Brown helped to plan Elon's life while he worked.
- 6 Elon preferred to work with older, more experienced engineers.
- 7 Space X engineers' favorite test site was in Mississippi.
- 8 The Merlin was the Falcon 1's first engine.

...../4

7 Read the questions. Choose the correct answers (a, b or c).

- 1 When did Elon want to launch the Falcon 1 rocket?
 - a late 2003
 - b early 2004
 - c late 2004
- 2 Where did the engineers NOT test the engines when they were ready?
 - a McGregor
 - b the SpaceX building
 - c the Mojave Desert
- 3 Who did the engineers contact each time there was a problem?
 - a Tom Mueller
 - b Elon
 - c Jeremy Hollman
- 4 What did they sometimes play when they stopped working?
 - a chess
 - b football
 - c video games
- 5 Where could the Falcon 5 fly to?
 - a the moon
 - b the International Space Station
 - c Mars
- 6 What did they have to build first in Kwaj?
 - a a launch-pad
 - b a place to live
 - c parts for the rocket

...../6

8 Complete the text. Choose the correct words. There are two extra words.

again back could everyone flew hard launch over rocket suddenly

But suddenly there was a problem with the rocket, and they could not ¹..... it in November. The engineers worked ²..... to solve the problem, and in December they tried again. But now there were more problems. They worked hard to solve these problems, too, and on March 24th 2006 the Falcon 1 lifted off from its launch-pad. The rocket ³..... for twenty-five seconds, and ⁴..... was excited and happy. But then a fire ⁵..... started above the Merlin engine. The rocket could not fly without the engine, so it fell ⁶..... to the ground. Some parts of the rocket fell into the sea. The engineers got all the parts from the water, but they ⁷..... not use them again. They had to start ⁸..... and build a new rocket.

...../8

9 Read the questions about Chapter Five. Choose the correct answers (a, b or c).

- 1 What kind of energy did J. B. Straubel’s electric cars use?
 a natural gas b solar energy c hydroelectric energy
- 2 Who started Tesla in 2003?
 a Elon Musk b J. B. Straubel c Martin Eberhard and Marc Tarpennin
- 3 How much money did Elon Musk invest in Tesla at first?
 a \$6,500,000 b \$9,500,000 c \$12,500,000
- 4 What was the most difficult part of the car to build?
 a the battery b the engine c the wheels

...../4

10 Complete the text. Use the correct forms of the verbs in brackets.

The engineers ¹..... (**develop**) a new kind of battery. It was like a battery in a computer, but it was a lot bigger and was the most difficult part of the car to build. For almost a year, eighteen engineers ²..... (**work**) together, and in January 2005 the first Roadster prototype was ready ³..... (**drive**). Elon drove it around the Tesla building. He really liked it, and he ⁴..... (**invest**) another \$9 million in the company.

Tesla wanted to sell the first Roadsters early in 2006. But in July 2005 the company ⁵..... (**find**) that there was still a big problem with the car’s battery. When they tested them in a fire, the batteries ⁶..... (**explode**). So, Tesla needed to develop safer batteries. Six engineers worked on the problem, exploding thousands of batteries. They changed a lot of things, and they solved the problem.

...../6

11 Complete the sentences. Unscramble the words in brackets.

- 1 Electric cars at that time could not travel long
 _____ (**d t c e a i s n s**).
- 2 He was the biggest investor in the company, and he became the
 _____ (**h r a n c i m a**) of Tesla.
- 3 The next problem was the _____ (**g d i e s n**) of the car.
- 4 Tesla hired new _____ (**g e s e r s d i n**) to work on the car.

...../4

12 Answer the questions.

- 1 How did people learn more about Elon Musk’s life?

- 2 What were two problems that Elon had in 2006?

3 What happened in June 2008?

.....

4 Why couldn't Elon pay Justine the money that she wanted?

.....

5 What helped Elon save both of his companies?

.....

...../5

13 Choose the correct options to complete the text.

Elon did not want his engineers to know that SpaceX ¹ **have / having / had** big money problems. He did not want them to know about the problems at Tesla, either. But stories of Tesla's problems were in the press. At the end ² **for / of / in** 2008, Elon felt that he could only save one of the two companies. He was sure he could not save both of ³ **they / theirs / them**.

He looked for new investors, and he ⁴ **will borrow / borrowed / has borrowed** money from his friends. Some of the engineers at Tesla gave money. Elon's brother, Kimbal, invested all his money in the company, too. Elon worked very ⁵ **hard / harder / the hardest** to get more money, but it was very difficult because there were a ⁶ **few / many / lot** of problems. The banks ⁷ **are / was / were** worried about the financial crisis, and the ⁸ **investment / investors / invest** were worried about the bad stories in the press.

...../8

14 Unscramble the sentences.

1 first / into / Falcon 9 rocket / The / flew / in / space / 2010.

.....

2 sent / a / Falcon 9 rocket / a month. / SpaceX / into / about / space / once

.....

3 the / The / Dragon / ISS. / capsule / technology / to / took

.....

4 space. / NASA / the Dragon / to take / capsule / wanted / into / people

.....

5 seven / seats. / had / Dragon v2 / The

.....

6 rocket / a / than / Falcon 9. / bigger / the / The Falcon Heavy / was

.....

...../6

15 Put the information about Elon Musk, Steve Davis, and Gwynne Shotwell into the correct column.

built new parts for the Dragon capsule got important NASA contracts liked to work fast
 looked for the best people made people work hard studied at Stanford
 was difficult to work for worked for Chrysler worked on Falcon 9

Elon Musk	Steve Davis	Gwynne Shotwell

...../9

16 Correct the sentences. The bold words are incorrect.

1 Elon began to work on a new **sports** car called the Model S.

.....

2 In 2008, a new **engineer**, Franz von Holzhausen, came to work at the company.

.....

3 Elon wanted to make the body of the car in **glass**.

.....

4 In 2009, Elon showed a prototype of the Model S to the **public** for the first time.

.....

5 The Model X was a **smaller** family car than the Model S.

.....

...../5

17 Complete the text. Choose one word (a, b, c or d) for each gap

In June 2012, Tesla began ¹..... the first Model S cars to the public. Elon asked all the Tesla ²..... , some important customers, and some people from the press to come to the Tesla factory ³..... the new cars. They all loved the factory and the cars!

On the outside of the factory they could see the name TESLA in big black letters. The inside of the factory was white. ⁴..... machines were white, and the other machines and the robots were red. The engineers' desks were in the middle of the factory floor, and Elon's desk was with ⁵..... .

The new Model S cars had their last tests in the factory, and then Elon gave the keys to the customers. Many of the people ⁶..... were Toyota and General Motors workers ⁷..... they worked for Tesla. Elon saved ⁸..... jobs when Tesla bought the factory.

- 1 a sell b sells c selling d sold
- 2 a workers b work c working d works
- 3 a see b seeing c sees d to see
- 4 a Big b Bigger c The biggest d Biggest
- 5 a them b it c him d her
- 6 a watch b watching c to watch d watched
- 7 a before b after c until d once
- 8 a his b your c their d its

...../8

18 Complete the sentences. Choose the correct words from the box.

the best bigger faster more comfortable more difficult
 most difficult most famous most important

- 1 The capsule travels through the Hyperloop tunnel at 800 miles per hour (1,300 kilometers per hour), than an airplane.
- 2 It took four years to build the first Dragon capsule, and Steve Davis was one of its engineers.
- 3 Both companies wanted to be
- 4 Volkswagen's car was the Beetle.
- 5 It was like a battery in a computer, but it was a lot bigger and was the part of the car to build.
- 6 The company hired more engineers and found buildings.
- 7 They were working very hard, and Elon was making their jobs more and
- 8 He wanted the car to be and special. But this made the work even slower.

...../8

19 Complete the sentences. Use the *past continuous* forms of the verbs in the box.

begin develop get go grow hope plan work

- 1 Elon was to become Canadian, like his mother.
- 2 He to meet one of his uncles in Montreal.
- 3 The engineers also to worry about money. Building rockets was very expensive.
- 4 The engineers a new kind of battery.
- 5 The company quickly.
- 6 In late 2003, work on the Merlin engine well.
- 7 The launch of the Falcon 1 rocket near.
- 8 Now they hard on the other parts of the rocket.

...../8

20 Match the words in the box with the definitions. There are two extra words.

blog billionaire contract divorce
prototype solar energy society tunnel

- 1 A road under the ground or under water.
- 2 Light and heat from the sun that we use to make machines work.
- 3 When someone writes their ideas on the internet for people to read.
- 4 A group of people who are all interested in the same thing.
- 5 An important document. It shows that two people have agreed on something.
- 6 The first new car, machine, etc. you make to see how well it works and what people think of it.

...../6

Total...../130