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Fill in the Blanks

Use your study sheet to find the correct answers.

A LONG TIME AGO

Prehistory refers to the period before h_____ learned how to r_____ and w_____. Prehistory ended about 5500 years ago in M_____ and E_____, and continues today in remote parts of the world. In *p_e_i_to_i_ times, people lived as n_____. Men were h_____ while the women were g_____. Once people learned to w_____, they were able to pass their k_____ onto others. In the last two hundred y_____, scientists have c_____ that h_____ have l_____ on the e_____ for only a s_____ period of the e_____’s. Radiometric age-dating tests indicate the e_____ is about __.6 b_____ years old.

Answer in complete sentences

Use your study sheet to find the correct answers.

*1. Why do we refer to the period before writing as prehistory?

2. What is a nomad?

*3. Why do you think it would it not be possible for people to live a nomadic lifestyle today in most parts of the world?

*4. Why did men hunt and women gather in prehistoric times?

*5. Explain how did the division of labor lead to an advanced civilization? Please include a topic sentence, at least two support sentences and a conclusion in your answer.

*A higher order learning question. I will accept any reasonable answer.

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TECHNOLOGY

Technology is the t_____ and s_____ used to b_____ things. S_____ tools were the first t_____. Early h_____ used ★r_____ for many purposes, and years later they discovered something *i_____ the rocks. When rocks were left in a f_____ for a long time, something began to ★l____k. The leaking material was m_____. Once a culture discovered m_____, they left the s_____ age and entered the i_____ age.

Answer in complete sentences

Use your study sheet to find the correct answers.

TECHNOLOGY

*1. Use a college level dictionary to find the definition of technology. (Don't use my definition)

*2. Write a paragraph that explains and gives details about how early humans used stone tools. Remember to include a topic sentence, at least two support sentences and a conclusion.

*3. Write a paragraph that describes the uses of metal. Your paragraph must include a topic sentence, at least two support sentences and a conclusion.

*4. How do you think many cultures used iron to conquer other people or to advance their civilization? (Try your best on this question. It is very difficult, but I want you to try to stretch your mind.)

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THEORIES

Prehistoric people did not know how to r_____ or w_____, so there are no written *r_____ of that time. Scientists have been forced to make e_____ guesses about prehistory. We call those guesses t_____. Theories about p_____ often c_____ as we make new d_____ about the p_____.

Some C_____ believe that God created the e_____ in s_____ days about six t_____ years ago. The Christian and ★J_w_s_ story of c_____ is told in the Book of G_____.

Almost everything we know about p_____ is based on what scientists have learned in the past two h_____ years. It is very p_____ that t_____ presented *t_____ will be very d_____ from what we will d_____ in the f_____.

Answer in complete sentences

Use your study sheet to find the correct answers.

1. What is a theory?

*2. Why might a scientific theory change? (This is a very difficult question)

*3. Do you think the theory of evolution will change or remain the same in the next two hundred years? Defend your answer.

NOTE: Jean Auel wrote an amazing book about hominids called "Clan of the Cave Bear." I highly recommend this challenging, but rewarding book. Ms. Auel used a little science and her vivid imagination to create a world from the past.

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CHARLES DARWIN

Charles D_____ concluded that s_____ evolved over long periods due to n_____ selection. His theory of *e_____ suggested that o_____ evolved to f_____ their e_____. If a genetic m_____ was good, the organism l_____ and c_____ to the g_____ pool. Bad m_____ were likely to d_____ before contributing to the gene p_____. According to the t_____ of e_____, organisms have evolved and a_____ to the e_____.

Answer in complete sentences

Use your study sheet to find the correct answers.

*1. The Darwin family had planned for Charles to become either a doctor or a minister. Why do you think they were unhappy when he told them he wanted to travel on the *HMS Beagle*?

2. What was Darwin's job aboard the *HMS Beagle*?

3. What is a mutation?

*4. Suggest a genetic mutation that might add to the gene pool. Describe how this mutation would be positive. (This is a very challenging problem, but you can make it fun. You might suggest something like a sixth finger or a third eyeball.)

NOTE: Most people have blue, brown, or green, or hazel eyes. Imagine that some people have orange eyes.

*5. Describe what would happen over a long period of time if everyone agreed that orange eyes were not attractive.

*6. Give an example of an organism has adapted to their environment according to Darwin's theory. (Be creative; let's have fun with a wide range of answers. You can include several examples and we might discuss them in class.)

*A higher order learning question. I will accept any reasonable answer.

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ARCHAEOLOGY

Archaeologists are s_____ who study h_____. A_____ are like police d_____ because they search for c_____ left behind by p_____, animals, and t_____. Archaeologists use those c_____ to make e_____ guesses about the p_____.

LUCY

Don Johanson is an *a_____ who changed many ideas about *e_____ when he discovered the oldest h_____ in the f_____ record. Johanson's find was nicknamed "L_____" after a popular song by the B_____. Lucy's b_____ was about *_____% of the size of a h_____ brain, but her k_____ could l_____. This enabled Lucy to s_____ up straight.

EVOLUTION

Archaeologists studied f_____ and c_____ that h_____ shared a common a_____ with African a_____. Hominid b_____ size began to g_____ once they became s_____. The p_____ in m_____ promoted b_____ growth which in turn caused a greater h_____ for m_____. Natural selection favored o_____ whose b_____ continued to g_____ after b_____. This means that human I_f____ts are more h_____ than other species, and are dependent upon a f_____ structure.

Answer in complete sentences

Use your study sheet to find the correct answers.

1. What is a fossil?

2. Explain how petrification occurs.

*3. Write a paragraph that describes how an archaeologist is like a police detective. Your paragraph must include a topic sentence, at least two support sentences and a conclusion sentence.

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Answer in complete sentences

Use your study sheet to find the correct answers.

LUCY

1. What is a hominid?

*2. Why did our earliest ancestors begin to include meat in their diets?

*3. How did Don Johanson change what we thought we knew about prehistory?

EVOLUTION

4. Why did hominids begin to eat meat?

5. Explain why are human infants more helpless than the infants of other species?

★6. How might our society be different if children matured as fast as other species?

*A higher order learning question. I will accept any reasonable answer.

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FIRE

Scientists believe h_____ began to leave E_____ Africa about one m_____ years ago, in part because they discovered the ability to tame f_____. Fire provided w_____, l_____, and a way to c_____ food. F_____ also s_____ away a_____. The hearth (or *f_r_pl_ce) provided a p_____ for h_____ to g_____ and form a c_____.

NEANDERTALS

About 143 years ago, Q_____ in the N_____ Valley of G_____ discovered the r_____ of h_____ very d_____ from us. Apparently “N_____” humans *l_____ in E_____ and parts of A_____ and North A_____ as *r_____ as 40,000 y_____ ago. The N_____ looked somewhat like *u_____, but they had heavy r_____ above their e_____ and had much larger s_____. The evidence suggests that N_____ lived side-by-side with humans, but then suddenly died out. While there are many t_____ to explain the *e_____ of the N_____, scientists are not sure of what actually happened.

Answer in complete sentences

Use your study sheet to find the correct answers.

FIRE

★1. Write a paragraph that describes how fire changed the way hominids lived. Your sentence must include a topic sentence, at least two support sentences, and a conclusion.

NEANDERTALS

2. Why do we refer to hominids that lived in Europe, North Africa, and parts of Asia as “Neandertals?”

3. What advantage did the ancestors of modern humans have over Neandertals?

Learn more about Neandertals at <http://thunder.indstate.edu/~ramanank/index.html>.

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ABRAHAM MASLOW

Abraham Maslow was a psychologist who observed that humans will always w_____ more than what they h_____. Maslow described a h_____ of n_____. He said the most elementary *h__m__n needs are f_____ and s_____. Once those b_____ needs are met, Maslow said that h_____ would seek s_____.

According to Maslow, most people will always w_____ more than they have, but there are some rare exceptions. According to M_____, a s_____ group of people reach s_____ -a _____, where they are completely h_____, and all of their n_____ are met.

Answer in complete sentences

Use your study sheet to find the correct answers.

*1. Refer to Maslow's hierarchy of needs. Describe at least three things that would keep you from being a good student if your most important needs were not met. Remember to use a topic sentence, at least three supporting sentences and a conclusion sentence.

*2. Describe at least three needs that would have to be met in order to allow you to reach self-actualization.

*3. Think of a famous person who you believe has reached self-actualization. Describe why you believe they have reached this state. (You might consider Oprah Winfrey, Bill Gates, Michael Jordan or anyone else.)

*4. Ask your parent what they would have to do to reach self-actualization. (If you can talk your parent into writing the paragraph, I'll accept it, but make sure they have a topic sentence, two supporting sentences and a conclusion)

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 **PREHISTORY**
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Now that you have your parent doing your homework, try asking them about cleaning your room.