Base your answers to questions 37 and 38 on the data table below and on your knowledge of science. The table shows the air temperatures recorded for a week in September, 2004 in Albany, New York, at 12 p.m. and 8 p.m. Two candles,

What date and time had the lowest recorded air temperature? Date: \_\_\_\_\_\_, 2004 Time: \_\_\_\_\_p.m. Use the grid below to make a bar graph of the air temperatures on September 4, 2004.

Matter is defined as anything that takes up space and has A mass

Which organisms break down and recycle dead plants and animals? A predators B prey C decomposers D producers

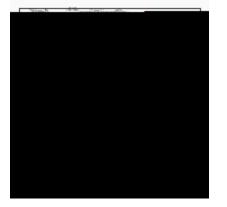
Base your answers to questions 15 and 16 on the diagram below and on your

The appearance of the Moon asobserved from Earth changesover time because of the Moon's A path around Earth Blength of daylight C gravity

A large amount of oil was spilled in a lake environment. Within a few weeks, the number of plants and animals living in the area where the oil was spilled will most likely A decrease B increase C remain the same

Trains, cars, and airplaneshelp humanstravel quickly. What is one negative effect that the use of these types of transportation has on the environment?

The diagram below shows a volcanic eruption. When volcanoes erupt, they can release large amounts of hot liquid rock (lava) and clouds of hot ash and dust.



Describe one negative effect that a volcanic eruption has on the environment of animals living in the area. Describe two negative effects that a tornado can have on animals living in the area.

Which items would be most useful at home during a power failure?

A flashlights and extra batteries Bhats and sunscreen C raincoats and umbrellas D insect spray and jackets

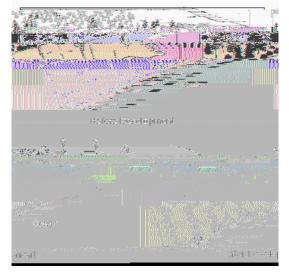
The diagram below shows runoff occurring during a rainstorm.



After a heavy rain, the amount of runoff increases. Explain one way the increased runoff could affect the environment.

A puddle formed on a sidewalk when it rained during a night. By noon the next day, some of the liquid water in the puddle had evaporated. Explain what may have happened to cause the water to evaporate.

The diagrams below show an oceanside environment before and after houses were built in the area.



State one negative effect that building the houses may have had on this oceanside environment.

Sample Set 8 One example of a living thing is Animals get the energy they need for growth and Aair repairby Bwater A eating food Carock Babsorbing sunlight C eliminating waste D a worm D drinking water Which is an example of a nonliving thing? A bird In late fall, a rabbit's fur grows thicker. This adaptation Binsect occursto C dog A keep the rabbit's body warm D water Bkeep the rabbit safe from predators C help the rabbit find a mate D help the rabbit find green plants A dog growlswhen a predator gets close. Growling is an example of which animal behavior? A migration Which term is an example of a life process? Bhibernation A coloration C communication Bcamouflage Dgermination C migration D reproduction Which two processes occur during the life spans of all animals? The photograph below shows burdock seeds. The A hibernation and migration seeds are inside a structure with thin, sharp hooks. Bgrowth and development C changing color and shedding fur D building nests and communication The diagram below shows the beaks of three different birds. Birds use their beaks to obtain food. The differences in the birds' beaks are examples of These seeds will most likely be dispersed when they A are eaten by animals Battach to an animal's fur Coerminate in the soil D develop in the water A migrations The main function of a fish's fins is to help the fish Bhibernations A reproduce C physical adaptations Dseasonalchanges Bsee C breathe D move Which activity is a good health habit? A drinking alcohol When ocean waters become too warm, some whales Bexercising regularly C sleeping only 5 hours daily travel to colder water. This movement is an example Dsmoking cigarettes of A nest building Bhunting C migrating Which two processes are common to all living things? Dhibernating A flying and breathing Bmigrating and reproducing C using nutrients and growing D eliminating waste and hibernating

Sample

The diagram below shows four kittens labeled A, B, C, and D. The kittens have the same parents.

Complete the chart below by placing an X in the correct column to show whether the example describes an inherited trait, a learned trait, or an acquired trait.

The chart below shows a diagram of a plant divided into four parts. Each part is a different plant structure that serves a different function. Some of the structures and functions are shown. Complete the blank spaces in the chart by identifying the plant structure shown in the diagram or describing