

Test 2

Name _____

Write *True* if the statement is true. Write *False* if the statement is false.

True 1. Matter is anything that has mass and takes up space.

False 2. The states of matter are solid, liquid, and volume.

True 3. Liquid changes shape to fit its container, but its volume stays the same.

True 4. The volume of both a solid and a liquid stays the same.

False 5. The shape of both a gas and a liquid stays the same.

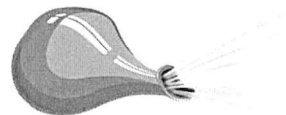
Fill in the blank.

gas liquid more solid

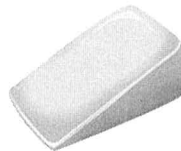
6. The apple has more mass than the toy car.



7. The air in a balloon is a gas.



8. Cheese is a solid.



9. Milk is a liquid.



Match the object with the property of matter.

E 10. cup of hot chocolate

A 11. soft blanket

F 12. thick honey

D 13. long rope

A hardness

B shape

C sink or float

D size

E temperature

F texture

Read the statement and answer the questions.

The Bible tells us in Genesis 1:11–13 that God created plants with properties of matter.

14. God created plants to make more plants with different the same properties.

15. God created fruits, grasses, and herbs with different the same properties.

Write About It

Your cousin Jamie tells you that she thinks that matter came from the Big Bang. You believe that matter was created by God.

Explain to Jamie using Genesis 1:1 how you know that matter was created by God.

Answers should include that Genesis 1:1 tells us that God created the heaven and the earth.

The heaven and the earth are made of matter. God created all matter.

Test 3

Name _____

freezes mixture reversible state

Fill in the blanks.

1. When matter is heated or cooled, it changes state.
2. When a liquid changes to a solid, it freezes.
3. A change to matter that can be undone is reversible.
4. Two or more kinds of matter mixed together are called a mixture.

Mark the answer.

5. A solid changes to a liquid when the solid is ____.
 heated cooled
6. How does the state of matter change when heat is removed from water?
 The water changes from a liquid to a solid.
 The water changes from a liquid to a gas.

Write **True** if the statement is true. Write **False** if the statement is false.

- True 7. Genesis 1 tells us that God created all matter.
- False 8. An ice cube melts when heat is removed.
- False 9. Melting a crayon is an irreversible change.
- True 10. A bowl of peas and carrots is a mixture.
- True 11. Most objects are made of different parts that are put together.

Mark two answers.

12. What happens to water vapor when it cools?

- It condenses. It evaporates. It changes to a liquid.

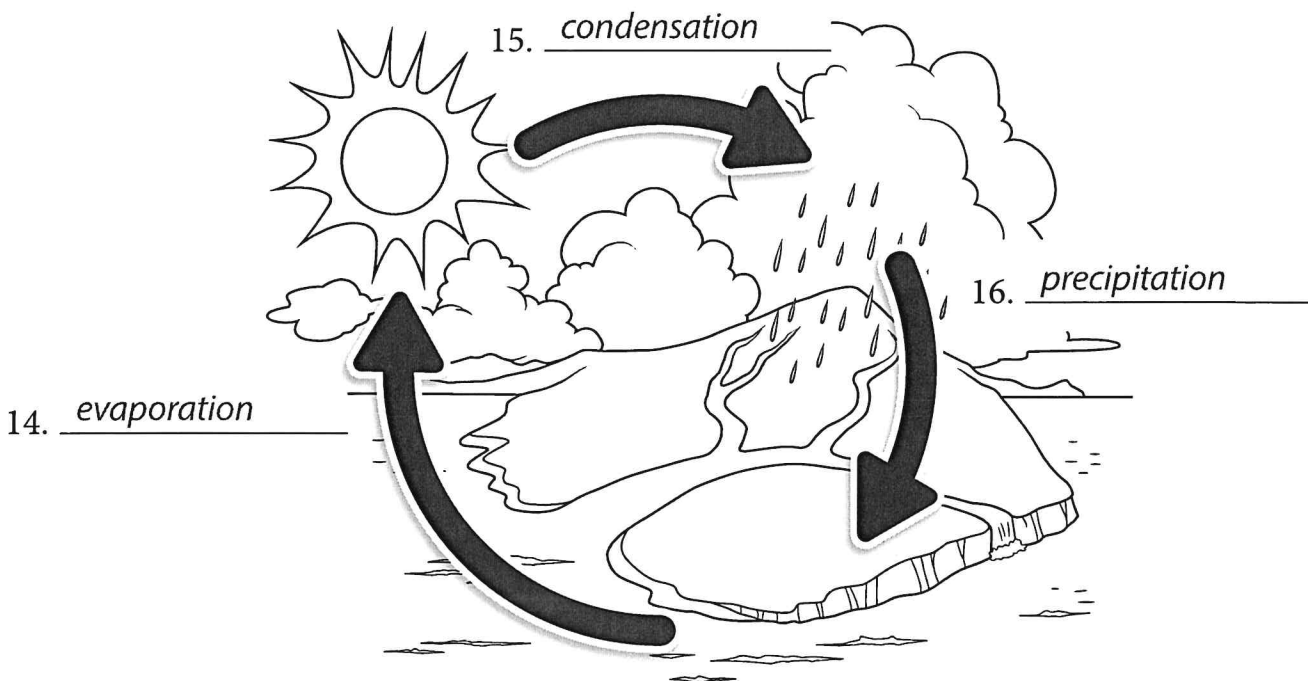


13. You want to build a tree house like your friend's. What parts can you take from your old go-kart to help you make your tree house?

- rope wheels wooden boards

Label the water cycle.

condensation evaporation precipitation



Name _____

Write About It

You and your family want to go on a picnic, but it is raining. Your little brother starts to grumble and complain about the weather.

Read the Bible's teaching from Psalm 147:7-8. Share with your brother the right way to think about a rainy day.

— **Psalm 147:7-8** —
Sing praises to God because He gives us clouds and rain to make the grass grow.

Answers should include some of the following: We should not grumble and complain about rain.

We should praise God for His design of the water cycle. The water cycle brings water to the earth

so that all living things can survive and grow.

Write the answer.

A 1. Which of these forces is a push?

A getting up from a chair

B putting on your sock

B 2. The baseball went fast and far.
Why did the baseball move fast and far?

A A light force was used.

B A strong force was used.

B 3. Leah lifted the heavy sack of cat food.
How did Leah lift the heavy cat food?

A with a little force

B with a lot of force

B 4. Noah blocked the rolling pencil with a book.
Why did the pencil stop rolling?

A A force started the motion.

B A force stopped the motion.

A 5. Emily pushed the toy car toward the wall. The car bumped the wall
and went under the sofa. Why did the car go under the sofa?

A Objects touched and the direction changed.

B Objects touched and the motion changed.

Write the letter of the answer.

A 6. Serena hit the balloon to Nancy. Nancy hit the balloon. The balloon went to Caleb instead of to Serena. Why did that happen?

A The direction of the force changed the direction of the ball.

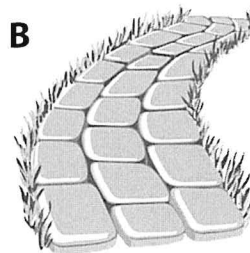
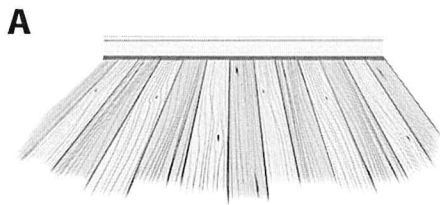
B The speed of the force changed the direction of the ball.

A 7. The miniature golf ball was inches from the hole. Mandy tapped the ball with her golf club. The ball went slowly into the hole. Why did the ball go into the hole?

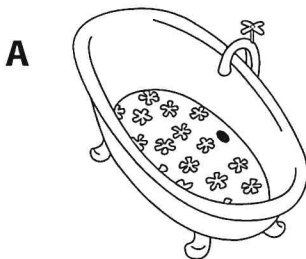
A A light force made the object move with a slow speed.

B A strong force made the object move with a fast speed.

A 8. Which picture shows a surface with less friction?



A 9. The bathtub is slippery. Which picture shows the best way to keep someone from falling down?



B 10. Which objects are attracted to a magnet?

A objects made from wood, such as a tree house

B objects made from metals, such as iron

Write the letter of the answer.

A 11. The poles of a magnet have the ___ magnetic force.

A strongest

B weakest

A 12. Which picture shows magnets that will repel each other?



Write *True* if the statement is true. Write *False* if the statement is false.

False 13. Motion happens when an object stops.

True 14. A force that slows down or stops motion is friction.

True 15. Gravity is the force that pulls all things toward the center of the earth.

False 16. The tool used to measure weight is a beaker.

False 17. Weight is the measure of the force of friction on an object.

Write the answer.

18. Why do you learn about force? Include one example with your answer.

Answers should include that I learn about force to help other people. Possible examples: making a slide slippery, pulling someone in a wagon, pushing a shopping cart



Write About It

Brielle told her friend, Aria, that forces were made by the Big Bang many, many years ago. Aria believes that God created forces at the time that He created the earth.

Explain whether you agree with Brielle or with Aria and why you believe this.

Answers should include that the earth has day and night because the earth moves. The earth cannot be in motion without force. When God spoke on the first day of Creation, He created forces.

Test 5

Name _____

Circle the correct answer to complete the sentence.

1. An imaginary line running through the center of the earth from the North Pole to the South Pole is called the axis orbit .
2. The earth's orbit around the sun takes one day year .
3. The time it takes the earth to rotate one time is called a day year .
4. When the earth moves around the sun one time, it is called a revolution rotation .
5. To spin means to revolve rotate .

Fill in the blank.

Earth eight orbit rotation ten

6. There are eight planets in the solar system.
7. The third planet from the sun is Earth.
8. Daytime and nighttime are caused by the rotation of the earth.
9. The seasons are caused by the earth's tilt and its orbit.

Write *True* if the statement is true. Write *False* if the statement is false.

False 10. The shape of the earth is flat.

True 11. A globe models the earth's tilt on its axis.

False 12. The earth orbits the sun every 24 hours.

Mark the answer.

13. What is in the center of the solar system?

- the earth the sun

14. What imaginary line does the earth tilt on?

- its axis its orbit

15. Why is the rotation of the earth important?

- It causes seasons.
 It causes daytime and nighttime.

16. What does the Bible tell us in Genesis 8:22 about how the seasons began?

- God created them.
 They happened by chance.

Answer the question.

17. According to Genesis 1, how did the solar system begin?

God spoke and the solar system was created.

Write About It

One day you visit your friend's school. You are in her science class. They are studying the solar system. You and your friend read the science book together. Your friend reads that the solar system evolved over many, many years. You share with your friend that God created the solar system in six days.

Write about whether it is true that God created the solar system in six days or that the solar system evolved over many, many years. Explain how you know.

Answers should include that the solar system was created by God. The Bible tells us that God spoke and the solar system was created in six days. The Bible always tells us what is true. Evolution goes against the Bible and is false.

Test 6

Name _____

Fill in the blanks.

canyon continent fresh lava

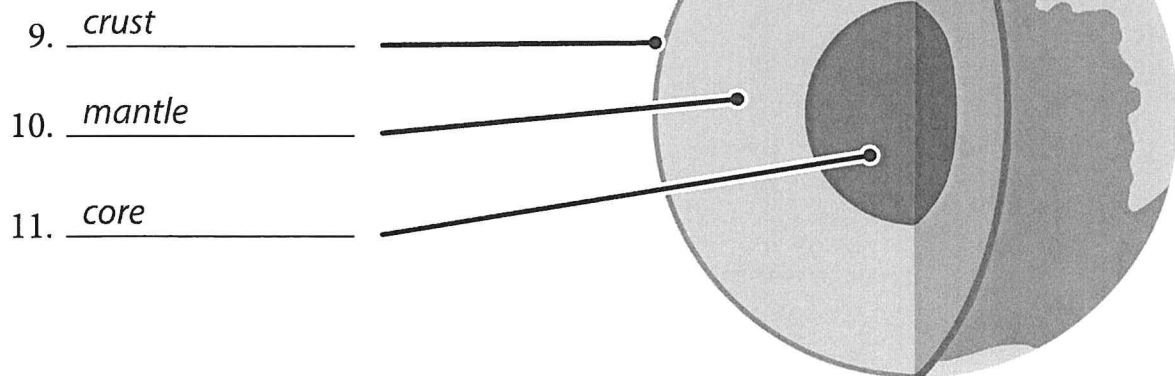
1. Large bodies of fresh water are called lakes.
2. Australia is an island and a continent.
3. A deep narrow passage with steep sides and a river flowing through it is a canyon.
4. Melted rock that comes out of a volcano is lava.

Write **True** if the statement is true. Write **False** if the statement is false.

- False 5. Land covers most of the earth's surface.
- True 6. The largest areas of land on the earth's surface are continents.
- True 7. Geologists learn about the earth's crust by digging holes and studying rocks.
- False 8. The layer of the earth that is made of melted rock is the core.

Label the layers of the earth.

core crust mantle



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Write the letter of the correct answer.

A 12. According to Genesis 1, where did the water on the earth come from?

A God created it. **B** It formed by chance after a big bang.

B 13. The breaking down of rock into smaller pieces by wind, water, ice, or plants is ____.

A erosion **B** weathering

A 14. The moving of rocks, soil, or sand on the earth's surface is called ____.

A erosion **B** weathering

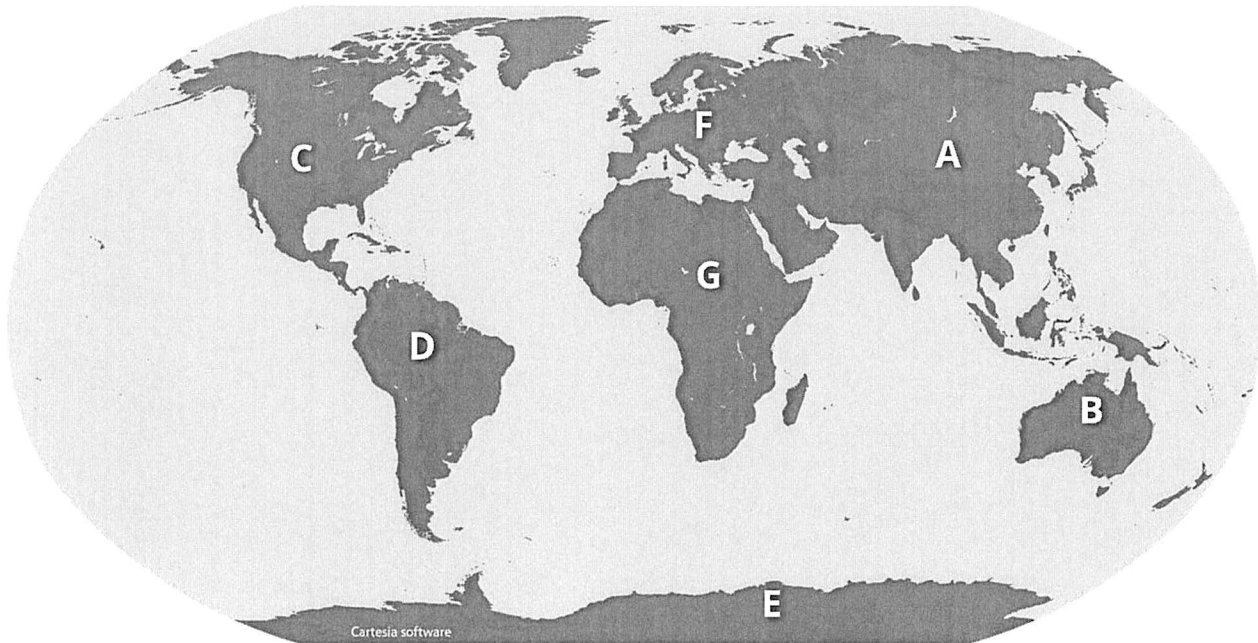
A 15. What happens when large areas of the earth's surface shake and move?

A an earthquake **B** a volcano

B 16. What happens when the earth's crust opens and lava flows out?

A an earthquake **B** a volcano

Match the continent with the letter on the map.



A 17. Asia

F 18. Europe

Write the answer.

19. Why can scientists only infer what layers are inside the earth?

Answers should include some of the following: Scientists cannot observe the layers inside the earth. Science is a tool; it is limited. Since the layers inside the earth cannot be seen, scientists must infer from what they can observe.

20. How does learning about volcanoes and earthquakes help people live safely?

Answers should include some of the following: Science is a tool that can be used to help people live safely. Knowing that earthquakes and volcanoes are related, scientists may be able to warn people before a volcano erupts. Knowing that earthquakes can cause tsunamis or large ocean waves, scientists may be able to warn people to go to higher ground before a tsunami hits land.

Write About It

Ally was telling Emma what she learned in school about weathering and erosion. Ally told Emma that her science book says that weathering and erosion usually happen very slowly over a long, long time. Emma remembered learning something different in her science class. But she cannot remember all that she has learned.

Help Emma remember how fast weathering and erosion happened during the Genesis Flood. Use truth from the Bible in your answer.

Not all weathering and erosion happen very slowly. Water from the Genesis Flood covered the whole earth very quickly. Water from the Flood moved quickly off the land. The moving water quickly changed the surface of the earth.

Test 7

Name _____

Complete the list of six natural resources.

The answers for Questions 1–4 may be in any order.

air

1. animals

3. plants

soil

2. water

4. fossil fuels

Write the letter of the answer.

C 5. What do we call anything in nature that God made for people's use?

A erosion

B pollution

C a natural resource

A 6. Which word means to use a natural resource wisely or to not waste it?

A conserve

B pollute

C erosion

B 7. What is one way to conserve water?

A turning off the light when you leave the room

B turning off the water when you are finished

C preventing erosion

B 8. What is one way to conserve fossil fuels?

A obeying the government rules to keep the air clean

B turning off the light when you leave the room

C preventing erosion

Write the letter of the answer.

C 9. What are fossil fuels used for?

- A** to produce clean air
- B** to replace trees being cut down
- C** to produce energy

C 10. Which natural resource was formed when the remains of plants and animals were buried quickly?

- A** plants
- B** soil
- C** fossil fuels

B 11. Which natural resources are kinds of fossil fuels?

- A** rocks, coal, and natural gas
- B** oil, coal, and natural gas
- C** oxygen, oil, and natural gas

A 12. What is one reason that people need to use fossil fuels wisely?

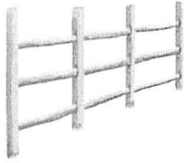
- A** Fossil fuels can cause pollution.
- B** Fossil fuels can cause erosion.
- C** Fossil fuels can be replaced.

A 13. What is a product?

- A** something made by people, machines, or a natural process
- B** anything in nature that God made for people's use
- C** a scientist who protects the wildlife, plants, water, and soil

Write the natural resource each product is made from.

animal fossil fuel plant soil water



14. plant 15. animal

Write the answer. Use the Bible's teaching found in Genesis 1:28.

— Genesis 1:28 —
God gave people the job of caring for the earth.

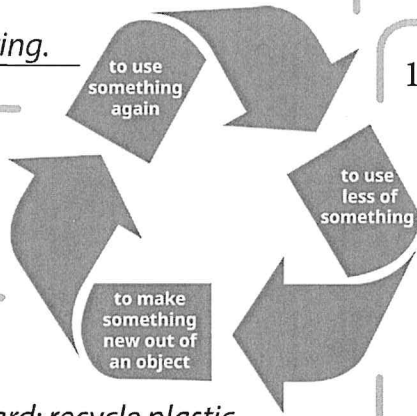
16. Why should people conserve natural resources?

Answers should include that God told us to care for the earth. We care for the earth by
conserving natural resources.

Fill in the blanks with the three Rs. Give an example of each one.

17. reuse

Example: Possible answers: Reuse an old can for
pencils; reuse plastic bags for trash cans;
reuse an old shirt for painting.



18. reduce

Example: Use cloth bags
instead of plastic ones; turn
off water when not in use;
turn off lights.

19. recycle

Example: Recycle cardboard; recycle plastic
bottles; recycle old tires.

continue

Write About It

Debbie's backyard slopes down from the neighbor's backyard on one side. When it rains, the soil from the hill washes down into the backyard. Debbie found some low-growing plants. She planted them on the hill. As the plants grew, they covered the hill. Debbie has less soil washing down into her backyard.

Explain what is happening to the hill in the backyard. Then explain why Debbie bought plants and put them on the hill.

Answers should include that there is erosion on the hill in the backyard. Plants help hold the soil in place. Their roots help prevent erosion.

Test 8

Name _____

Write **True** if the statement is true. Write **False** if the statement is false.

- False _____ 1. Nonliving things grow and take up space.
- True _____ 2. Living things need food, water, air, and space to survive and grow.
- True _____ 3. Plants need water, air, soil, and light to survive and grow.
- False _____ 4. A seed needs water and cold weather to sprout.
- True _____ 5. Plants have seeds to make more of the same kind of plant.

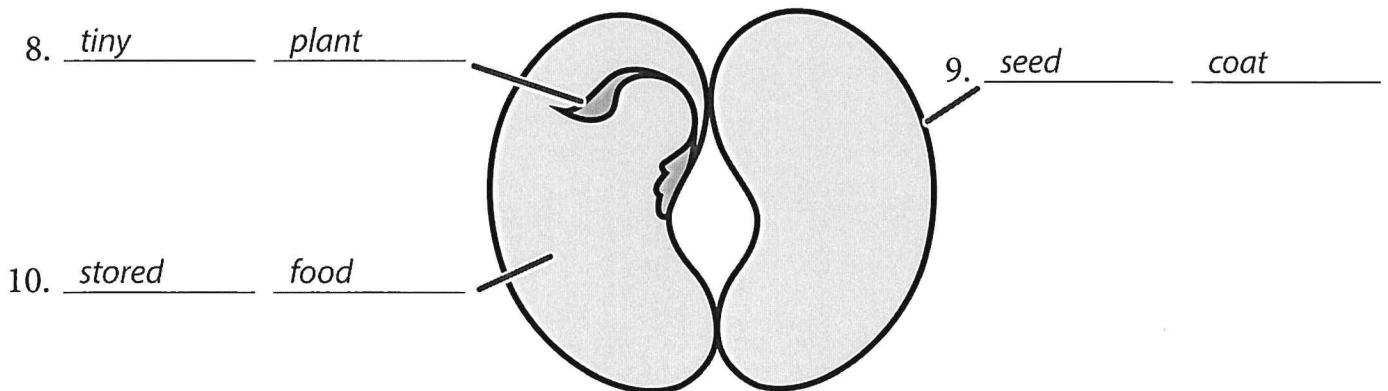
Classify each thing as living or nonliving. Write one word on each line.

flower lake monkey phone

6. living flower monkey
7. nonliving lake phone

Label the parts of a seed.

seed coat stored food tiny plant



Fill in the blank.

seed seedling

11. Most plants begin life as a seed.

12. A young plant is called a seedling.

Label the plant parts diagram.

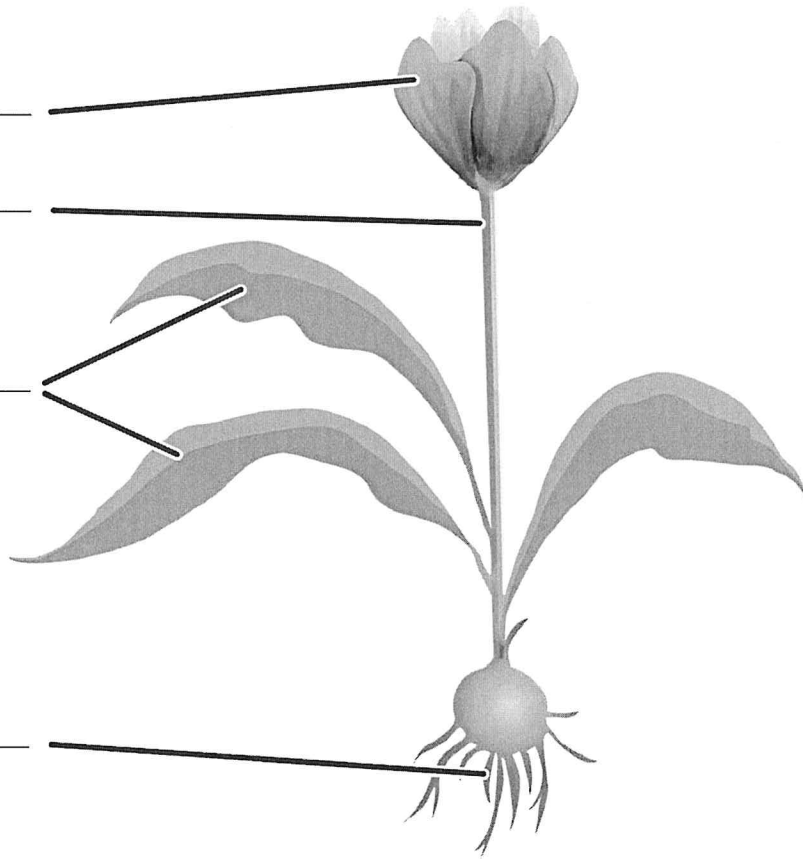
flower leaves roots stem

13. flower

14. stem

15. leaves

16. roots



Write the answer.

17. Which plant part makes food for the plant? leaves

18. Which plant part makes seeds? flowers

Complete the list describing ways seeds can travel.

animals

19. air

20. water

Write the answer.

21. What is one way that animals help plants scatter seeds? Possible answers: Animals pick up fruits with seeds and eat both the fruit and the seeds. The seeds in the fruit are dropped in a new place. Some seeds also stick to animal fur as animals walk by plants. The seeds drop from the animal's fur in new places.

22. Why did God create some plants with seeds? to make more plants after their own kind

Write About It

One day Louise went to the garden to help her dad take care of the strawberries. Louise's dad asked her to pull the weeds by the strawberries. She pulled out every weed. The next week she went to the garden to see how much the strawberries had grown. Weeds were crowding the strawberries again. She asked her dad why there were more weeds growing in the garden.

Help Louise's dad explain to Louise how the Fall changed the ground. Use the biblical truth from Genesis 3 in your answer.

Answers should include that the Fall changed the ground. Weeds, thorns, and thistles grow and crowd other plants because of the Fall. They take up the space that the plants need.

Test 9

Name _____

Mark the answer.

- Where do animals live?
 - where they are born
 - where their needs can be met
- What are two ways that animals change where they live to meet their needs?
 - by storing food and by building a shelter
 - by hiding under a rock and by climbing trees
- What characteristics do scientists use to classify animals into two main groups?
 - backbone and no backbone
 - where their needs can be met
- Which characteristic is missing from the chart?

Amphibian Characteristics	
live in water and on land	<input checked="" type="radio"/> breathe with gills as young ones
breathe with lungs as adults	<input type="radio"/> have fins and scales
thin, smooth, and wet skin	
?	

- Which body part do amphibians use to take in water?
 - the gills
 - the skin
- Which characteristic is missing from the chart?

Reptile Characteristics	
breathe air with lungs	<input type="radio"/> breathe with gills as young ones
have tough, dry, and scaly skin	<input checked="" type="radio"/> have a backbone
?	

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Mark the answer.

7. Which characteristic is missing from the chart?

Insect Characteristics	
6 legs	<input type="radio"/> 2 body parts
wings (usually)	<input checked="" type="radio"/> 3 body parts
antennae	
?	

8. An insect knows about the world around it by using ____.

- color or pattern
- its antennae

9. Many reptiles ____.

- have gills as babies
- shed their skin as they grow

10. Many parents and their offspring have ____ body parts to help them survive.

- the same
- different

11. Both a baby spider and an adult spider ____ to survive.

- use their front legs as hands
- can spin webs to catch food

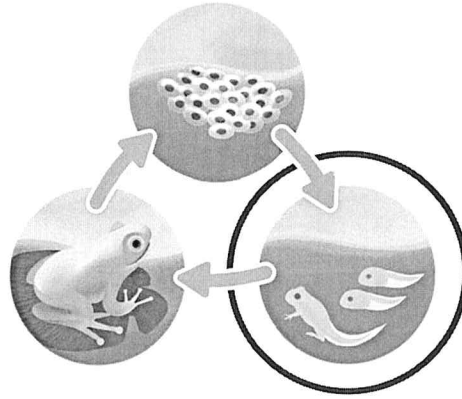
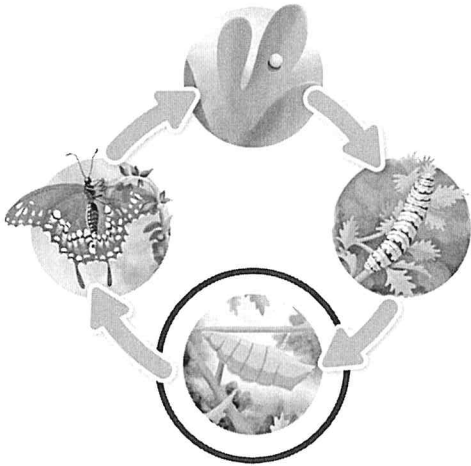
12. The egg, larva, and pupa do not look like the ____ butterfly.

- adult
- baby

13. A tadpole loses its gills and forms ____ to breathe air on land.

- legs
- lungs

Identify the step that is circled in the life cycles of a butterfly and a frog.



- 14. adult
- egg
- larva
- pupa

- 15. adult
- egg
- tadpole

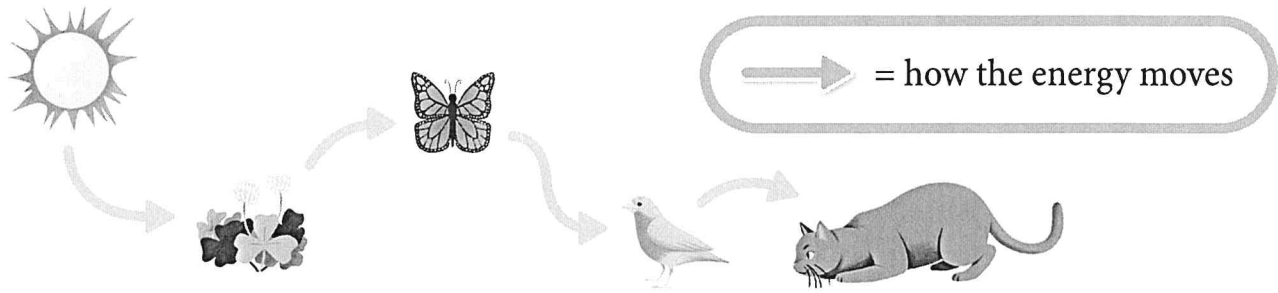
Write the answer.

16. How did God design animals and where they live to work together so that animals can survive and grow? Use the Bible's teaching in your answer.

The Bible says that God designed ways for
some animals to live in the sea, some to live
in the air, and some to live on land. He gave the animals places to live and food to eat
to survive and grow.

— **Genesis 1:28, 30** —
God gave people the job of caring for the earth. He told Adam and Eve to take care of the fish in the sea, the birds in the air, and all animals on land. He gave green plants as food for animals.

Food Chain



Complete the statements about the food chain.

17. A food chain begins with a prey
the sun.

18. The cat gets energy from the sun
bird.

19. The cat is a prey
predator.

Write About It

Alfonso is reading about predators and prey in his library book. He looks at a picture of a lion chasing a zebra. He asks his sister why a lion must chase and eat a zebra. Why can't the lion just eat grass and other plants?

Explain why there are predators and prey. Be sure to include the Bible's teaching in your answer.

Answers should include that the Bible tells us in Genesis 3 that after Adam sinned (or the Fall) the animals changed. Now some animals eat other animals. There are predators and prey.



Use the picture to mark your answer.

1. What are the two deer called?

- a community a population

2. What are the butterflies, bear, deer, and grass a part of?

- a community a population

3. What is the place called where the butterflies, bear, and deer find food, water, and shelter?

- a habitat a population

Fill in the blank.

food habitat shelter

4. Dolphins depend on fish and squid for food.

5. The wetland habitat provides food, water, and shelter for many kinds of plants and animals.

6. Kudzu changes its habitat by growing quickly and covering any other plants in its path.

Write *L* if the plants and animals live in a land habitat. Write *W* if the plants and animals live in a water habitat.

W 7. dolphins, fish, seaweed

L 8. cactuses, lizards, sage

L 9. Arctic fox, Arctic hare, small plants

W 10. alligators, rice cutgrass, water lilies

Mark the answer.

11. What provides shelter for a duck in its habitat?

- cactus
- grass

12. What does the land habitat have that meets a monkey's needs?

- fish, coral, and seaweed
- fruit, nuts, and tall trees

13. How does a nutria change its habitat?

- It eats plants near the edge of the water.
- It makes dams.

Write the answer.

14. Why would a whale not be able to survive in a dry habitat? A whale needs a wet habitat
to survive. A dry habitat would not meet a whale's needs of food, water, and shelter to survive
and grow.

Mark two answers.

15. According to Genesis 1:28, why should we learn about and care for plants and animals?

- God gave people the job of caring for plants and animals.
- People are made in the image of God.
- I honor God by learning about and caring for plants and animals.

16. How is a water habitat different from a land habitat?

- Fish live in a water habitat.
- Land and water habitats have cactuses growing in them.
- Monkeys live in a land habitat.

17. How does a wildfire change a habitat?

- It burns plants and trees growing in the habitat.
- It clears away dead trees and brush in the habitat.
- It does not harm or kill animals living in the habitat.

Write About It

Isaiah and his dad went into the forest to gather firewood. Isaiah and his dad did not cut down growing trees for firewood. They gathered dead trees in the woodland forest to use as their firewood.

Explain how Isaiah and his dad helped or hurt the woodland forest habitat.

Possible answers: Isaiah and his dad helped the woodland forest by gathering dead trees. Removing dead trees can help prevent wildfires. Isaiah and his dad could hurt the habitat by cutting down more trees than they need. Cutting down trees removes shelter and food for some animals.

Test 11

Name _____

Fill in the blanks.

amber cast extinct mold trace

1. Hardened tree sap is called amber.
2. A fossil that was made when soil filled the empty space of a mold fossil and the soil turned to rock is a cast fossil.
3. The footprint of a dinosaur is a trace fossil.
4. The fossil that formed when mud hardened around a living thing that died and rotted, leaving its shape in the rock, is a mold fossil.
5. Some plants and insects are found only as fossils because they are extinct.

Mark the answer.

6. Dinosaur fossils ____ tell us the color of the dinosaur's skin.
 can
 cannot
7. Dinosaur fossils ____ tell us that some dinosaurs laid eggs.
 can
 cannot
8. The dinosaur that had short front legs and stood on its back legs is the ____.
 Tyrannosaurus rex
 Stegosaurus
9. The dinosaur that had two rows of bony plates along its back is the ____.
 Tyrannosaurus rex
 Stegosaurus

Write **C** if the statement is a belief of Creation.

Write **E** if the statement is a belief of evolution.

C 10. God made the world perfect, but the earth changed because of man's sin.

E 11. The earth formed by chance, and it changed many times over many, many years.

E 12. Fossils formed over many, many years.

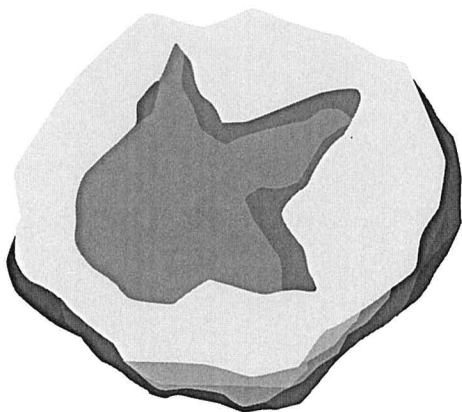
C 13. Most fossils formed quickly during the Flood.

Read the story. Mark the answer.

Two scientists observe a mold fossil of a maple leaf. One scientist believes the fossil formed quickly as a result of the Flood. The other scientist believes the fossil formed slowly over many, many years.

14. Why do the scientists believe different things about how the fossil formed?

- The scientists have the same worldview.
- The scientists have different worldviews.



Write the answer.

15. What do plant and insect fossils tell us about life on earth at the time of the Flood?

Fossils give us a picture of what kinds of living things were on the earth at the time of the Flood.

Life on the earth at the time of the Flood was similar to what life is like on the earth today. Some plants and insects are the same kinds as those that are alive on the earth today.

16. Why did dinosaurs become extinct after the Flood?

Their needs were not met.

Write About It

Matt and Sandi are coloring dinosaurs in Sandi's new coloring book. Matt says that people and dinosaurs lived on the earth at the same time. Sandi does not believe this. Sandi says that dinosaurs lived and died on the earth a long, long time before people lived on the earth. Matt wants Sandi to know the truth about people, dinosaurs, and the Flood.

Help Matt explain to Sandi what the Bible says in Genesis 1 about the creation of dinosaurs and people.

The Bible tells us in Genesis 1 that animals and people were created by God on the same day.

Dinosaurs and people lived on the earth at the same time.

Help Matt explain to Sandi what the Bible says in Genesis 6 about animals and the Flood. Include dinosaurs in your answer.

Before the Flood happened, the Bible says that Noah took at least two of every kind of animal on the ark. Noah took dinosaurs on the ark. Dinosaurs became extinct after the Flood.

Test 12

Name _____

brain heart lungs

1. The powerful muscle that pumps blood through the body is called the heart.
2. When the diaphragm pulls down, the lungs fill with air.
3. Everything in the body is controlled by the brain.

Match the body part with the system it belongs to.

F 4. bones

C 5. muscles

A 6. blood vessels

E 7. lungs

D 8. spinal cord

B 9. small intestine

A circulatory system

B digestive system

C muscular system

D nervous system

E respiratory system

F skeletal system

Mark the answer.

10. What is a *system*?

- all the hard parts of the body
- a group of body parts that work together to do a job
- the part of the body that fills with air when you breathe in

11. Cheese, milk, and yogurt are part of the ___ food group.

- grain
- dairy
- vegetable

12. Grapes, bananas, and apples are part of the ___ food group.

- protein
- vegetable
- fruit

Write *True* if the sentence is true. Write *False* if the sentence is false.

True 13. The two body parts that work together to help your arms and legs move are the muscles and bones.

False 14. Your heart and your knee are about the same size.

True 15. God designed the skull to protect the brain.

True 16. The stomach is a bag of muscle that mixes food with digestive juices.

Number the body parts to show the path of digestion.

17. 4 large intestine

1 mouth

3 small intestine

2 stomach

Answer the questions.

18. How do the respiratory system and the circulatory system work together according to God's design? The lungs fill with air. The heart pumps the blood to the lungs where the blood picks up oxygen from the air. The blood vessels carry the oxygen to all parts of the body.

19. Why is it important to eat healthy and exercise every day? Answers should include that people are important to God. He designed the human body. I should eat healthy foods and exercise to take care of my body. Taking care of my body is a way for me to glorify God.

Name _____

Write About It

Antonio and Caleb were watching a video about lions.
Antonio told Caleb that animals and people are the same.
Caleb knows that animals and people are different.

What should Caleb tell Antonio to help him understand that people and animals are not the same?

*Answers should include that animals and people were created by God to be different. The Bible tells us that people are the only part of God's creation that were made in His image (Genesis 1:27).
People are the most important part of God's creation.*