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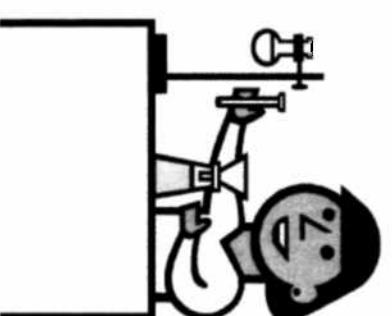
SCIENCE

QUESTIONS

EVERY 2ND GRADER SHOULD
KNOW FOR THE SOLSI!

Directions:

Practice answering these questions with
someone at home!



1. Your class has decided to test how many paper clips 2 magnets of different strength can pick up. You try both magnets. What should you do next?

- A: Repeat the experiment several times.
- B: Write a report about the experiment.
- C: Make a graph of your results.
- D: Try some magnets of less strength.

2. In a science experiment, you try to grow a plant from a seed. The plant does not grow. You should

- A: talk to a fireman
- B: start the experiment over again
- C: go to the grocery store
- D: visit a museum

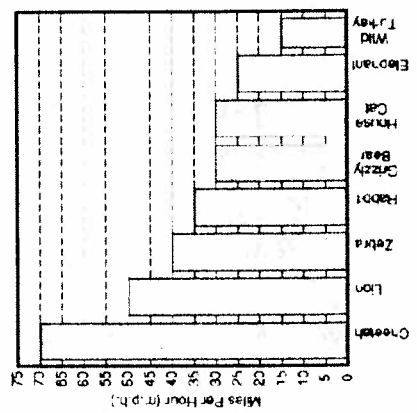
3. In a science experiment, you used a magnet to determine if objects were magnetic. After checking each item, you went back and checked each one again. You did this because _____.

- A: you were bored
- B: you wanted to make sure your observations were correct
- C: you needed a snack
- D: you wanted to see if water could evaporate

4. You watch a news report that shows where a storm has hit your town. You notice buildings torn down, flooded streets, and telephone poles on the ground. You know from your observations that this place has been hit by a _____.

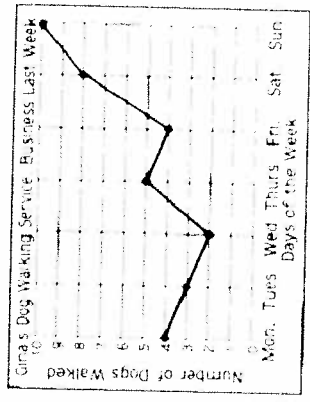
- A: drought
- B: blizzard
- C: hurricane
- D: sunny day

5. Using the graph below, which animal can run 40 m.p.h.?



- A: lion
 B: rabbit
 C: zebra
 D: cheetah

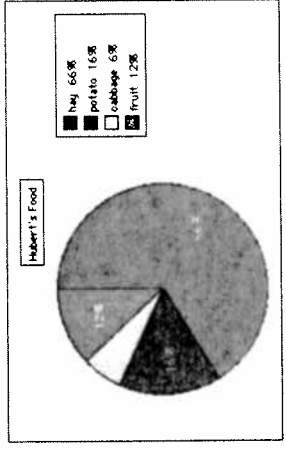
6. Using the graph below, how many dogs did Gina walk on Sunday?



- A: 10
 B: 4
 C: 8
 D: 5

7. Using the graph below, which two animals can run the same speed?

180. Which kind of food did Hubert the elephant eat the most of?



- A: hay
 B: fruit
 C: potato
 D: cabbage

- C: There would be too much sunlight for the animals.
- D: There would not be enough water for the animals.

177. If you cut down trees for lumber, you might _____.

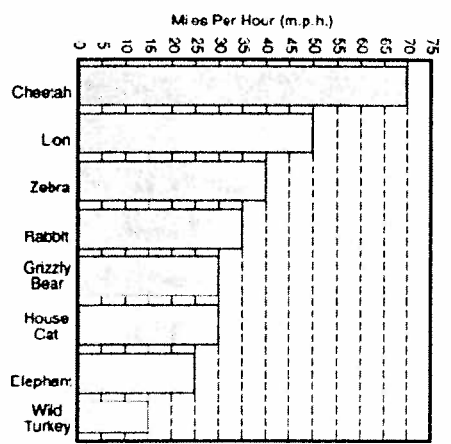
- A: take away homes and food for animals
- B: make a blizzard happen
- C: make gas vapors
- D: cause water to freeze

178. _____ provide food for animals and people.

- A: Plants
- B: Gases
- C: Books
- D: Zoos

179. A forest fire has burned down all of the brush in your area. Which animal might starve?

- A: deer
- B: dog
- C: cow
- D: chicken



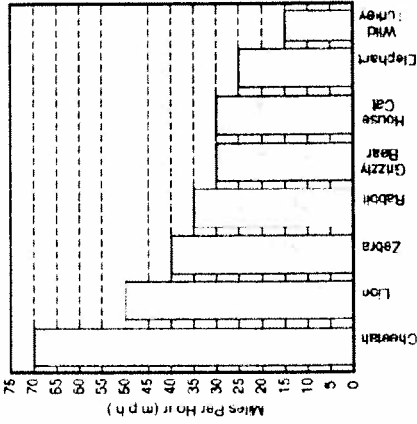
8. Using the graph below, how many willow trees are planted in Leaf Park?

- A: the lion and the zebra
- B: the rabbit and the zebra
- C: the elephant and the house cat
- D: the house cat and the grizzly bear

Trees in Leaf Park	
Dogwood	10 trees
Maple	5 trees
Elm	15 trees
Willow	8 trees
Beech	3 trees

9. Using the graph below, which of these animals is the slowest?

Ⓜ = 3



- A: the lion
- B: the grizzly bear
- C: the elephant
- D: the cheetah

10. Which tree has the fewest planted at Leaf Park?

Trees in Leaf Park	
Dogwood	4 trees
Maple	2 trees
Elm	3 trees
Willow	3 trees
Beech	1 tree

1 tree = 3

- A: Dogwood
- B: Elm
- C: Willow
- D: Beech

11. Which animal can run faster than the zebra?

- made.
- C: The families may be forced to sell their farms.
 - D: The families may not have enough money to pay their bills.

172. A forest fire occurs in the area where you live. _____ will be harder to get as a result of the fire.

- A: rubber
- B: paper
- C: plastic
- D: metal

173. What part of a plant prevents soil from washing away?

- A: stem
- B: leaves
- C: flowers
- D: roots

174. Farmer Bob has noticed that with each rainstorm, more soil is being washed away on the bank of his pond. What can Farmer Bob do to prevent more soil from washing away?

- A: Put more water in the pond.
- B: Add more soil to the place where it has been washed away.
- C: Plant grass or flowers on the bank.
- D: Clean up the trash.

175. Plants are important to the environment because they _____

- A: prevent pollution.
- B: give us oxygen and food.
- C: can be started with seeds.
- D: protect animals from bad weather.

176. Why is clearing a forest to plant crops a problem for the animals that live in the forest?

- A: There would be too much food for the animals.
- B: There would not be enough shelter for the animals.

house. The next day after a hard rain, they are surprised to see that much of the dirt on the hill has been washed away. Who caused the dirt to erode?

- A: Amanda's dad
- B: The person in the store who sold Amanda and her mom the flowers.
- C: Amanda and her mom
- D: Amanda's best friend Kate.

159. Which of the following could be done to prevent erosion?

- A: plant trees
- B: build houses
- C: clean up trash
- D: recycle

160. Looking at the picture below, which area of land would have the least amount of soil erosion?



- A: 1
- B: 2
- C: 3
- D: 4

161. Which of the following products is not made from cotton?

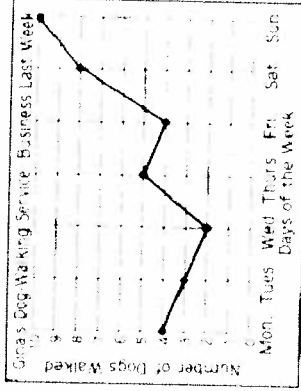
- A: towels
- B: t-shirts
- C: tables
- D: socks

162. Plants provide all of the following except

- A: food
- B: oxygen
- C: medicine
- D: milk

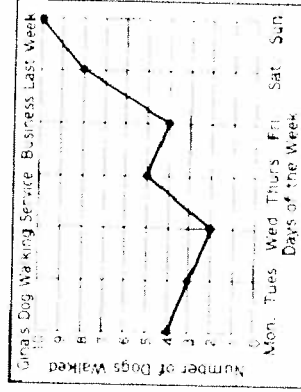
163. Which of the following products is made from a plant?

- A: glass bowls
- B: milk
- C: candles
- D: sugar



- A: The number of days Gina walked dogs.
- B: How much money Gina was paid each day to walk dogs.
- C: The number of dogs Gina walked.
- D: The number of laps Gina walked the dogs around her neighborhood.

14. Which two days did Gina walk the most dogs?



- A: Tuesday and Wednesday
- B: Friday and Monday
- C: Thursday and Sunday
- D: Saturday and Sunday

15. Which of the following standard English units would you use to show the weight of a watermelon?

- A: pounds
- B: inches
- C: quarts
- D: seconds

151. When a bear hibernates, he _____.

- A: goes for a walk
- B: sleeps for the winter
- C: grows more
- D: runs through the woods

152. When animals hibernate, they become _____, which means they show no signs of _____.

- A: dormant
- B: adapted
- C: awake
- D: excited

153. In which season would you expect animals to hibernate?

- A: winter
- B: spring
- C: summer
- D: fall

154. A squirrel is not noticed in the woods because he is _____.

- A: frozen
- B: camouflaged
- C: evaporated
- D: walking

155. What is the natural process that removes soil from an area?

- A: erosion
- B: migration
- C: friction
- D: digging

156. What can cause erosion?

- A: sunlight
- B: wind
- C: plants
- D: grasshoppers

157. Which of the following could most likely occur as the result of a hard rainstorm?

- A: The banks of a river could wash away.
- B: A house could burn down
- C: Animals could die.
- D: A sidewalk could wash away.

158. Amanda and her mom have decided to plant some flowers in their yard, but they ran out of potting soil. They decide to take dirt from a steep hill near their _____.

16. Temperature is measured in _____.

- A: centimeters
- B: degrees
- C: ounces
- D: kilograms

17. Which of the following metric standards of measurement would you use to measure the length of a pair of scissors?

- A: liters
- B: grams
- C: degrees Celsius
- D: centimeters

18. Which two standard English measurements could be used to measure the amount of liquid a container might hold?

- A: pints and feet
- B: quarts and gallons
- C: cups and pounds
- D: gallons and inches

19. If you wanted to buy the largest amount of milk at the grocery store, you would buy _____.

- A: a cup
- B: a gallon
- C: a pint
- D: a quart

20. The best way to measure the length of a school building would be _____.

- A: feet
- B: inches
- C: centimeters
- D: miles

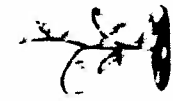
21. The best way to measure the length of a pencil in METRIC would be _____.

- A: inches
- B: liters
- C: centimeters
- D: pounds

22. The best way to measure the weight of a rock in STANDARD ENGLISH would be _____.

- A: kilograms
- B: pounds
- C: centimeters
- D: pints

23. Looking at the picture below, what most likely caused the tomato plant to look as it does?



- A: There was a drought.
- B: The plant was watered daily.
- C: The plant was run over by a child on a bicycle.
- D: There was a rain shower.

24. Looking at the picture below, you can see that these animals probably live in a habitat that is very



- A: wet
- B: hot
- C: dry
- D: cold

25. You planted a flower. You notice it has wilted. You find from your observations that it probably did not have enough _____.

- A: water
- B: rocks
- C: power
- D: oil

26. What do the objects in the picture have in common?



- A: They all have 4 wheels.
- B: They are all ways to get from one place to another.

colors?

- A: To help the hare blend in better with its surroundings.
- B: To help the hare stay cooler in the winter.
- C: To help keep insects out of its fur.
- D: To help the hare move faster in the winter.

145. A garden has soil that has eroded. There has probably been a _____.

- A: drought
- B: magnetic force
- C: flood
- D: hibernation

146. In the winter, you notice there are no summer birds at the bird feeder. This is a result of _____.

- A: hibernation
- B: migration
- C: repelling
- D: melting

147. During periods of summer drought, which of the following might bury itself in the mud in ponds?

- A: frogs
- B: bears
- C: grasshoppers
- D: snakes

148. A boa constrictor is a type of snake that lives in the rainforest. The boa constrictor is green in color. This coloring is an example of _____.

- A: dormancy
- B: estivation
- C: migration
- D: camouflage

149. Which of the following is not a reason why animals migrate?

- A: to find shelter
- B: to find water
- C: to find a warmer climate
- D: to find a prettier place to live

150. Which of the following migrate?

- A: birds
- B: bears
- C: squirrels
- D: dolphins

people would benefit most from knowing that the river floods each year?

- A: Alex, who likes to hunt in Edinburg.
- B: Marsha, who is thinking of building a house beside the river.
- C: Larry, who is angry because he lost the recent election for mayor.
- D: Maria, who likes to fish in the river next to her home in Tampa, Florida.

140. You look outside and see children playing in the snow. What is most likely the temperature?

- A: 25 degrees Fahrenheit
- B: 70 degrees Fahrenheit
- C: 90 degrees Fahrenheit
- D: 100 degrees Fahrenheit

141. Each morning, you and your class record the weather. After 3 months, you look at the results. From this, you can see _____.

- A: which month had the most rain
- B: which month has the prettiest flowers
- C: which month people fished the most
- D: which month the computer broke down the most

142. A rain gauge measures the amount of _____.

- A: sunshine
- B: wind
- C: M&Ms
- D: rain

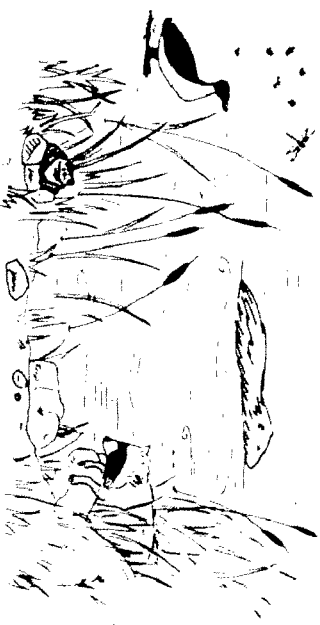
143. Which of the following best describe a bear?

- A: has scales and lives in the forest
- B: has fur and lives in the desert
- C: has feathers and lives in the forest
- D: has fur and lives in the forest

144. The snowshoe hare is brown in the summer. In the winter it has white fur. Why does the hare's fur change

- C: They all need gasoline to move.
- D: They can only be driven by adults

27. What habitat is shown in the picture?

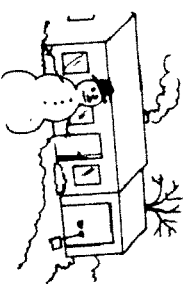


- A: a desert
- B: an ocean
- C: a pond
- D: a swamp

28. You place a magnet on many kinds of objects. It attracts pencils, earrings, and hair clips. From this, you know that these objects must have _____.

- A: metal
- B: fur
- C: rubber
- D: water

29. Look at the picture. What month of the year could it possibly be?



- A: May
- B: June
- C: August
- D: January

30. You planted a pumpkin seed. You did not water it. Over time, you see that the pumpkin plant does not grow. From your observations, you know that _____.

- A: the pumpkin seed needed water to grow
- B: the pumpkin seed evaporated
- C: the pumpkin seed melted
- D: the pumpkin seed grew

31. You place a magnet on many kinds of objects. It attracts pencils, earrings, and hair clips. From this, you know that these objects must have _____.

- A: metal
- B: fur
- C: rubber
- D: water

32. Which of the following best describe a bear?

- A: has scales and lives in the forest
- B: has fur and lives in the desert
- C: has feathers and lives in the forest
- D: has fur and lives in the forest

33. What do a paper clip and a staple have in common?

- A: They are both attracted to a magnet.
- B: They are both made from plastic.
- C: Neither one is attracted to a magnet.
- D: They are both liquids.

34. During a _____, the soil will dry out and plants may die.

- A: tornado
- B: hurricane
- C: drought
- D: thunderstorm

- C: There will be rain showers all day.
- D: It will sunny and hot all day.

136. Why is it important for people to be warned that a hurricane is coming?

- A: So they can invite friends over for a party.
- B: Many people like to play volleyball at the beach.
- C: So that people can be prepared for the storm.
- D: So that people can sit on the beach and watch the hurricane.

137. Lisa and Randy are thinking of buying a piece of beachfront land to build a house. They've looked at past weather records and have seen that a hurricane has destroyed every house built on this location. Why is this information important to Lisa and Randy?

- A: Lisa and Randy want to build their house closer to the ocean.
- B: Lisa and Randy will build a house made of strong, weather protective material.
- C: Lisa and Randy want to live in a community with nice neighbors.
- D: Randy will travel 20 miles each day to get to work.

138. The temperature outside is currently 20 degrees Fahrenheit. Which activity would people be doing outside?

- A: Building a snowman.
- B: Building sandcastles at the beach.
- C: Having a picnic at the park.
- D: Mowing the grass.

139. Each year in Virginia, a small river located outside the town of Edinburg floods. At this time, no one lives within 5 miles of the river. Which of the following

129. Heat from the _____ provides the energy needed for the evaporation of water to take place.

- A: oceans B: moon C: sun D: clouds

130. A blizzard is great amounts of _____.

- A: rain B: sun C: sleet D: snow

131. If a hurricane is predicted, you should _____.

- A: go outside and play B: stay inside
 C: go shopping for new shoes D: have a picnic

132. A drought is _____.

- A: a new kind of toy B: a kind of bird
 C: no rain for a long time D: a candy bar

133. Snow, sleet, and rain are all examples of _____.

- A: migration B: evaporation
 C: precipitation D: magnetism

134. How can you look out of the window and know that it is a windy day?

- A: the flowers are growing B: the trees are moving
 C: the sun is shining D: it is raining

135. Before getting ready to go to school, Annie listens to the weather report. She decides to wear a pair of jeans and a t-shirt. Before leaving, she grabs her umbrella. What is most likely the weather report that Annie heard?

- A: There will be snow falling all day.
 B: It will be cold and windy all day.

35. _____ is a type of severe weather which begins over the ocean and has very strong winds and heavy rain.

- A: A blizzard B: A hurricane
 C: A tornado D: A thunderstorm.

36. A _____ has a north pole and picks up paper clips.

- A: plant B: magnet C: book D: glass

37. Some _____ have mercury and measure temperature.

- A: magnets B: books C: thermometers D: papers

38. Rain and snow are two kinds of _____.

- A: condensation B: precipitation
 C: hibernation D: migration

39. Milk and orange juice are both _____.

- A: solids B: plants C: medicines D: liquids

40. You place a magnet on many kinds of objects. It does not attract any of them. From this, you know that these objects are not _____.

- A: rubber B: magnetic C: frozen D: paper

41. You have two bar magnets that when you put the ends together, the magnets pull together. What is causing this to occur?

- A: You have placed the north end of one magnet with the north end of the other magnet.
 B: You are pushing the magnets really hard to make them pull together.
 C: You have placed the south end of one magnet with the south end of the other magnet.

magnet.

D: You have placed the south end of one magnet with the north end of the other magnet.

42. If the north poles of two magnets are brought near each other, the magnets will _____.

A: repel B: attract C: vibrate D: move in circles

43. Items made of which of the following materials would be attracted to a magnet?

A: plastic B: rubber C: wood D: iron

44. The north pole of a magnet attracts the _____ pole of another magnet.

A: west B: east C: north D: south

45. Which of the following could not be made into a magnet?

A: an eraser B: a nail C: a needle D: a safety pin

46. A magnet will attract _____.

A: pencils and erasers B: paperclips and nails
 C: leaves and flowers D: plastic bottles and glass

47. To repel means to _____.

A: push apart B: melt C: float D: pull together

48. A magnetic compass will always find what direction?

A: south B: west C: north D: east

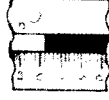
49. A compass is also known as _____.

A: a pointer B: a directional indicator
 C: a thermometer D: a spinner

124. The temperature in the winter would most likely be _____.

A: 10 degrees Fahrenheit B: 75 degrees Fahrenheit
 C: 85 degrees Fahrenheit D: 100 degrees Fahrenheit

125. What is the temperature shown on the thermometer?



A: 10 degrees Celsius B: 14 degrees Celsius
 C: 12 degrees Celsius D: 15 degrees Celsius

126. Becky and Mike were traveling through Texas on their vacation. Becky suddenly saw a dark, spinning funnel cloud drop from the sky. The funnel was kicking up clouds of dust and branches. What did Becky see?

A: a blizzard B: a hurricane
 C: a thunderstorm D: a tornado

127. A _____ is an instrument that measures temperature.

A: thermometer B: barometer
 C: anemometer D: weather vane

128. Jackie and her dad spent Saturday raking leaves into a pile. When Jackie got up Sunday and looked out the window, the leaves were spread all over the yard. Which word describes the weather outside?

A: sunny B: cloudy C: snowy D: windy

environment?

- A: a system
- B: a population
- C: natural resources
- D: a colony

117. All of these are nonliving parts of an animal's surroundings EXCEPT-

- A: water
- B: its space
- C: soil
- D: other animals

118. You set a cup of water on the windowsill. Each day, you notice the water level is going down. This is due to

- A: evaporation
- B: freezing
- C: melting
- D: drinking

119. During a _____, the soil will dry out and plants may die.

- A: tornado
- B: hurricane
- C: drought
- D: thunderstorm

120. _____ is a type of severe weather which begins over the ocean and has very strong winds and heavy rain.

- A: A blizzard
- B: A hurricane
- C: A tornado
- D: A thunderstorm.

121. Some _____ have mercury and measure temperature.

- A: magnets
- B: books
- C: thermometers
- D: papers

122. Rain and snow are two kinds of _____.

- A: condensation
- B: precipitation
- C: hibernation
- D: migration

123. The temperature in the summer would most likely be _____.

- A: 0 degrees Fahrenheit
- B: 75 degrees Fahrenheit
- C: 25 degrees Fahrenheit
- D: 45 degrees Fahrenheit

50. Which of the following would most likely have a magnet?

- A: a shirt
- B: a plant
- C: a radio
- D: a basket

51. You just received a brand new soccer ball magnet to use to post your soccer schedule. Which surface will hold the magnet?

- A: The window in your bedroom.
- B: The wall in your room.
- C: The shower curtain in the bathroom.
- D: The refrigerator in the kitchen.

52. What are the main (cardinal) directions on a compass?

- A: south and west
- B: north and east
- C: north, south, east, and west
- D: west, south, and north

53. Your teacher attaches plastic letters to the chalkboard. What must be attached to the plastic letters?

- A: rubber
- B: wood
- C: magnets
- D: butter

54. What is a natural magnet that is found in nature?

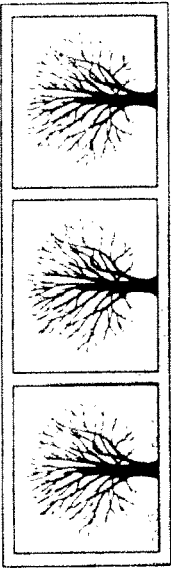
- A: zinc
- B: lodestone or magnetic
- C: magnesium
- D: iron

55. What will cause the ice to change to water?



112. What are the four changes in weather that happen each year that can affect the habitats of plants and animals?
 A: food chains B: life cycles C: seasons D: water cycles

113. In what order are the seasons shown below?



A: summer, fall, winter B: spring, summer fall
 C: fall, winter, spring D: winter, spring, summer

114. A windstorm blows over a tree. Which of the following would be most affected?

A: birds' habitat B: butterflies' habitat
 C: horses' habitat D: dogs' habitat

115. When looking at a tree, what is the most visible sign that the season has changed from summer to fall?

A: the leaves changed color
 B: the tree has blossoms
 C: the tree has buds
 D: the tree has been cut down for firewood

116. What do we call the interactions between living things and their nonliving surroundings in an

A: The temperature of the air will go up.
 B: The strong blowing winds will cause the change.
 C: The temperature of the air will go down.
 D: The children will break the ice because they are too heavy.

56. You place a cube of ice on a table. Over time, it will

A: repel B: freeze C: hibernate D: melt

57. You place a glass of water in the freezer. Over time, it will

A: freeze B: melt C: condense D: attract

58. You received balloons for your birthday. You leave them outside on a cold winter night. The next day, your balloons would be

A: larger B: smaller C: the same size D: square

59. _____ is a measure of the amount of matter.

A: Mass B: Molecules C: Volume D: Gas

60. What are the three states of matter?

A: solid, liquid, clouds B: liquid, heat, gas
 C: gas, vapors, liquid D: solid, liquid, gas

61. What form of matter keeps its shape?

A: solid B: liquid C: heat D: gas

62. What is matter that has no definite shape and will not stay in a container?

A: solid B: liquid C: heat D: gas

106. There has been a forest fire. Many squirrels and birds lost their homes. This is an example of _____.

- A: migration
- B: how habitats change
- C: magnetism
- D: condensation

107. There has been a drought. Many forest animals will _____.

- A: grow
- B: die
- C: evaporate
- D: repel

108. Rocks and twigs are examples of _____ things.

- A: living
- B: nonliving
- C: moving
- D: magnetic

109. Many rainforests have been destroyed so that the land can be used for farming. How is this change effecting the environment?

- A: The number of plants and animals in the rainforest are increasing.
- B: The number of plants is increasing while the number of animals is decreasing.
- C: The number of plants and animals in the rainforest are decreasing.
- D: There has been no change in the number of plants and animals.

110. When looking at a tree, what is the most visible sign that the season has changed from winter to spring?

- A: The tree loses all of its leaves.
- B: The tree is full of ripe, red apples.
- C: The tree has yellow, red, and orange leaves.
- D: The tree has blossoms on it.

111. Which of the following could cause the destruction of a forest habitat?

- A: a fire
- B: a rain shower
- C: a snow storm
- D: a thunderstorm

63. A _____ can take the shape of its container, can flow, and can usually be seen.

- A: solid
- B: liquid
- C: heat
- D: gas

64. _____ is the amount of space taken up by something. (liquid)

- A: Matter
- B: Mass
- C: Volume
- D: Molecules

65. If you increase the temperature, which will happen?

- A: A solid will change to a gas.
- B: A liquid will change to a solid.
- C: A gas will change to a solid.
- D: A liquid will change to a gas.

66. Which of the following pairs are in the same state of matter?

- A: a glass of orange juice and a box of books
- B: a balloon filled with oxygen and a pond full of water
- C: a box of books and a balloon filled with oxygen
- D: a pond full of water and a glass of orange juice

67. The volume of water in a cup will _____ when the water evaporates.

- A: go up
- B: go down
- C: stay the same
- D: freeze

68. Which of the following is a solid?

- A: milk
- B: water
- C: chair
- D: oxygen

69. Which of the following is a liquid?

- A: table
- B: juice
- C: rug
- D: oxygen

70. Which of the following is a gas?

- A: juice
- B: milk
- C: oxygen
- D: rubber

71. Anything that takes up space and has weight is called _____.

- A: condensation
- B: mass
- C: matter
- D: volume

72. What is the process by which a liquid changes into a gas?

- A: accumulation
- B: condensation
- C: evaporation
- D: precipitation

73. When most solids, liquids, and gases are heated they _____.

- A: contract
- B: move in circles
- C: disappear
- D: expand

74. A liquid changing into a solid is said to be _____.

- A: melting
- B: expanding
- C: disappearing
- D: freezing

75. During which part of the water cycle does condensation take place?

- A: When the water falls to the earth.
- B: When the water goes from the sea to the clouds
- C: When water droplets cool and form into clouds.
- D: When the water runs into the sea

76. If you place a glass of water in the freezer, the water will change from a liquid to a _____.

- A: gas
- B: solid
- C: magnet
- D: liquid

77. _____ occurs when a glass of water is left on a table in the sunshine.

- A: Migration
- B: Melting
- C: Evaporation
- D: Precipitation

78. When most solids, liquids and gases are cooled, they _____.

- A: expand
- B: move in circles
- C: contract
- D: disappear

79. Water is used for many things at school and at home. All of these are uses of water EXCEPT-

101. Why would a bird depend on a tree in its environment?

- A: The bird needs the tree to provide water.
- B: The bird may need the tree to provide food and a home.
- C: The bird mainly needs the tree to provide shade.
- D: The bird mainly needs the tree to keep warm.

102. What would most likely happen if you took a fish, which lives in the ocean and moved it to a pond?

- A: The fish would live just as it did in the ocean.
- B: The fish would spread disease to other fish.
- C: The fish would die.
- D: The fish would pollute the pond.

103. What can humans do to protect the environment so that plants and animals do not become extinct?

- A: Build more factories, which may cause air pollution.
- B: Start a recycling program in the community.
- C: Cut down trees to build new homes.
- D: Encourage the destruction of rainforests for farmland.

104. Grass is important to people because _____.

- A: people eat things that eat the grass.
- B: grassy areas are safer than areas covered with concrete.
- C: people play sports on grassy areas.
- D: grassy fields cannot hide dangerous animals.

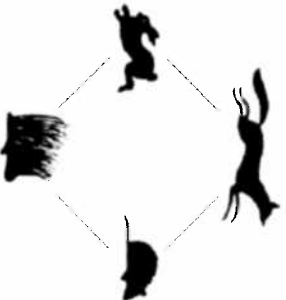
105. A tree has been cut down in the forest. A bird has probably _____.

- A: cut down the tree
- B: frozen
- C: lost its home
- D: hibernated

98. Which of the following is a difference between a grasshopper and a butterfly?

- A: A grasshopper baby looks like the adult but a butterfly's doesn't.
- B: A grasshopper is an insect and a butterfly is an arachnid.
- C: A grasshopper is a carnivore and a butterfly is a herbivore.
- D: A grasshopper has 2 body parts and a butterfly has 4.

99. Look at the food chain below. What would you expect to see if during a hot, dry summer, little grass is produced?



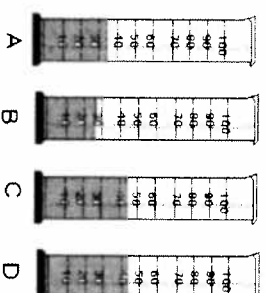
- A: The same number of rabbits, field mice, and foxes
- B: Fewer rabbits, foxes, and field mice.
- C: Fewer rabbits and field mice but more foxes
- D: More rabbits, foxes, and field mice.

100. What is the main reason why some environmental groups are fighting to save species of plants and animals from becoming extinct?

- A: They want other people to be able to see the animals.
- B: The plant or animal could be worth a lot of money.
- C: Other species could become extinct if these species aren't saved.
- D: No one will get to see the plant or animal anymore.

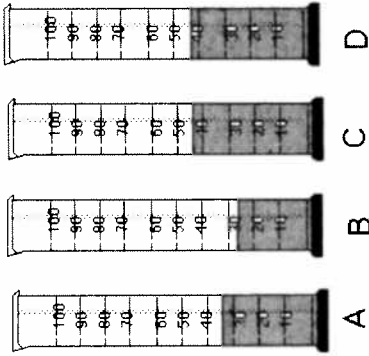
- A: cleaning clothes
- B: to cool drinks
- C: to dissolve old oil
- D: washing our hands

80. Which beaker measures 33 ml?



- A: A
- B: B
- C: C
- D: D

81. Which beaker measures 27 ml?



- A: A
- B: B
- C: C
- D: D



- A: roots
 - B: leaves
 - C: blossoms
 - D: branches
93. During which season will an apple tree grow its apple blossoms?
- A: winter
 - B: spring
 - C: summer
 - D: fall

94. Most plants depend on bees and other insects to carry _____ from flower to flower in order for a seed to begin to grow.
- A: water
 - B: seeds
 - C: pollen
 - D: insects

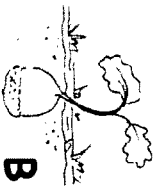
95. You notice that yellow flowers have formed on your cucumber plant. These will eventually become _____.
- A: beans
 - B: cucumbers
 - C: leaves
 - D: stems

96. After a flower has formed on a tomato plant, about how long will it take to become a ripe fruit?
- A: 6 years
 - B: 6 minutes
 - C: 2 months
 - D: 2 days

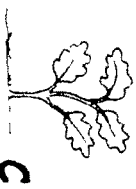
97. You planted a tomato plant. A flower has begun to grow. Over time, no tomato grows and the plant wilts. What did you forget to do?
- A: water the plant
 - B: trim the leaves
 - C: place it in a dark room
 - D: pick its flowers



A



B



C



D

- A: A
 B: B
 C: C
 D: D

92. Look at the picture of the tomato plant. The tomatoes are growing where the _____ used to be.

82. You planted a corn seed. You watered it and put it in the sunlight. It will most likely _____.

- A: die
 B: freeze
 C: grow
 D: evaporate

83. Which of the following shows the correct order for the life cycle of a butterfly?

- A: egg, caterpillar, chrysalis, butterfly
 B: chrysalis, caterpillar, butterfly, egg
 C: caterpillar, egg, chrysalis, butterfly
 D: egg, chrysalis, caterpillar, butterfly

84. The stages animals and plants go through from birth until death is called a _____ cycle.

- A: eating
 B: habitat
 C: life
 D: running

85. Which of the following shows the life cycle of a frog?



86. Which of the following will not look like its parent

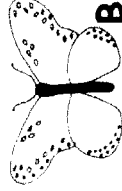
when born?

- A: chickens
- B: elephants
- C: frogs
- D: birds

87. Look at the life cycle below. Which picture completes the life cycle?



?



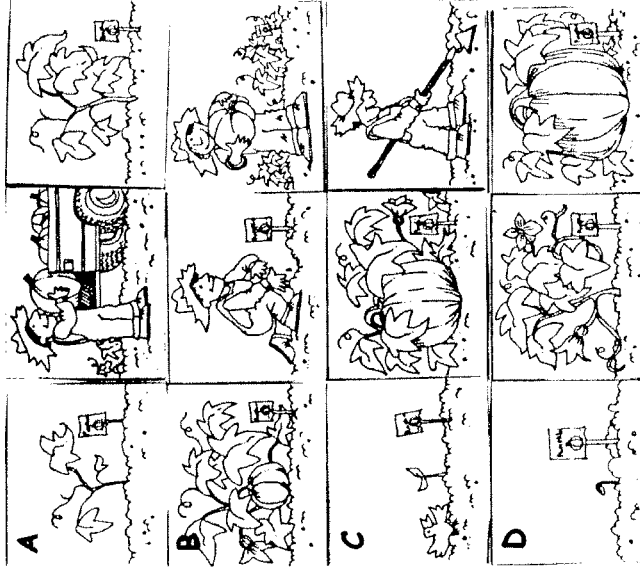
88. About how long does it take for the chrysalis to change into butterfly?

- A: about 2 days
- B: about 2 weeks
- C: about 2 months
- D: about 2 years

89. _____ look like their parents when they are born.

- A: Frogs
- B: Butterflies
- C: Dogs
- D: Moths

90. Which of the following is the correct order of the pictures of the life cycle of a pumpkin?



91. Which picture should go first in the life cycle of a tree?