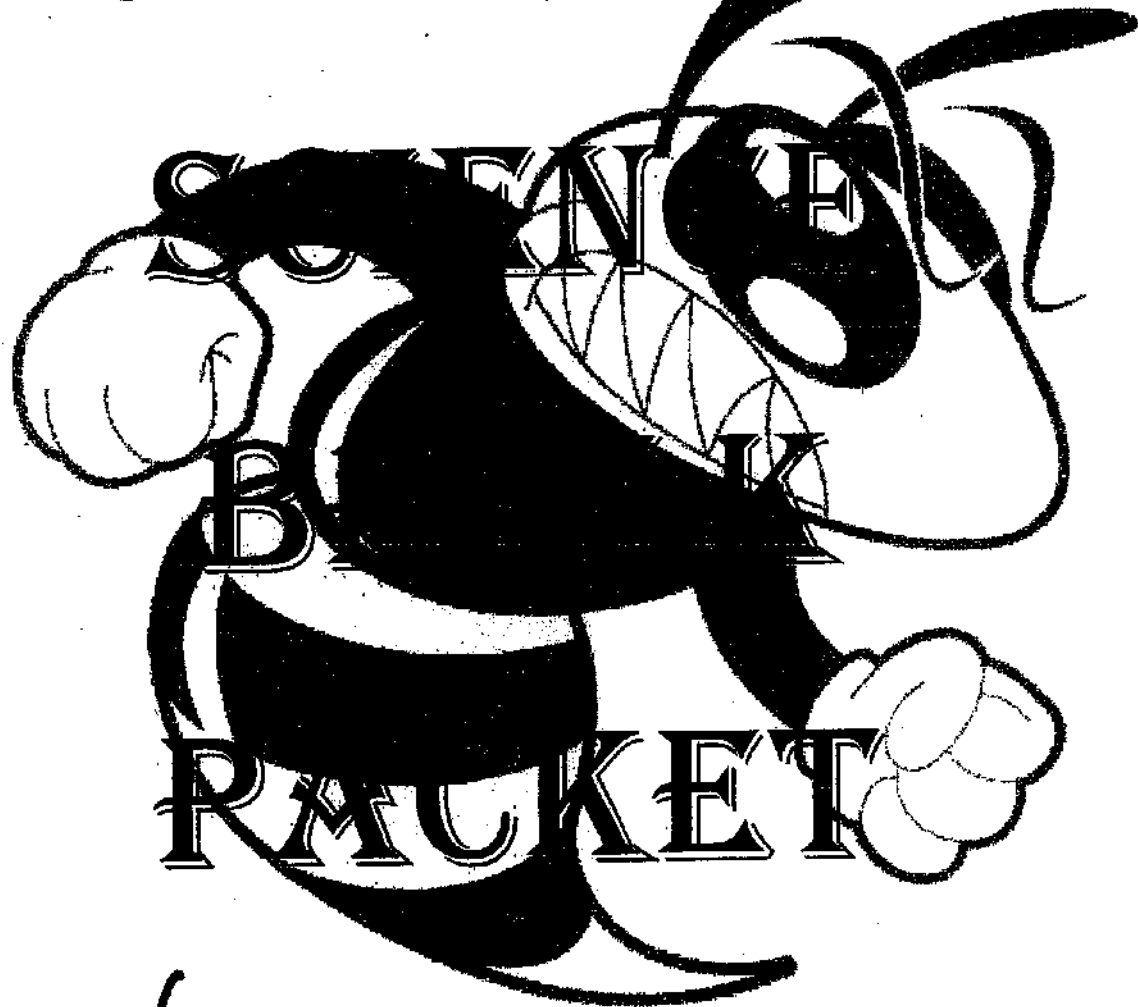


5<sup>TH</sup> GRADE

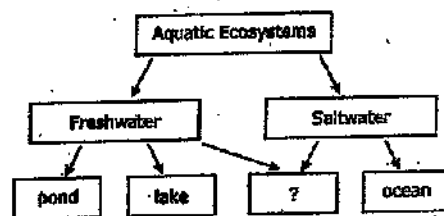


Name: \_\_\_\_\_

Student: \_\_\_\_\_  
Class: \_\_\_\_\_  
Date: \_\_\_\_\_

1. Which is **most accurate** in describing an estuary ecosystem?
  - A. High salt levels keep the water clear of nutrients and proteins.
  - B. Freshwater mixes with saltwater to provide a nutrient-rich environment.
  - C. Animals and plants compete for food due to pollution from surrounding areas.
  - D. Cold water mixes with saltwater to create a cooling effect that encourages growth.
2. How are the tropical rain forest and pond ecosystems similar?
  - A. They both have large amounts of trees.
  - B. They both have producers and consumers.
  - C. They both have the same plants and animals.
3. Clara says that her school is in a desert. Which fact about her schoolyard **MOST** helps her claim?
  - A. The schoolyard has few trees.
  - B. The schoolyard has rocks and sand.
  - C. The schoolyard gets warm in the summer.
  - D. The schoolyard gets little rain during the year.
4. Which type of ecosystem has the greatest variation in temperature from its top to its bottom?
  - A. lake
  - B. pond
  - C. ocean
  - D. estuary
5. Which part of a pond ecosystem gives small fish shelter?
  - A. rocks
  - B. water
  - C. frogs
  - D. soil

10. Which **best** completes the graphic organizer?



A. estuary

B. creek

C. river

11. Mangrove trees are common in wetlands.



Which condition **MOST** likely keeps mangrove trees from growing in deserts?

A. The ground is too dry.

B. The winds are too strong.

C. The air gets too cold at night.

D. There is too much light during the day.

12. Ospreys are birds that eat fish. Where would an osprey **MOST** likely live?

A. near a forest

B. near a marsh

C. near a desert

D. near a prairie

13. Which **best** describes a characteristic of both lakes and estuaries?

A. Both have saltwater.

B. Both have freshwater.

C. Both have a rocky bottom.

14. High average daily temperature and heavy annual precipitation are found in a

A. desert.

B. grassland.

C. rainforest.

D. tundra.

20. More than 17,000 species live on the floor of the deep ocean. Which **BEST** describes most of the organisms that live there?

- A. They can survive low salinity.
- B. They can survive strong waves.
- C. They can survive high pressure.
- D. They can survive high temperatures.

21. Which comparison of ecosystems is true?

- A. Tundras are warmer than grasslands.
- B. Grasslands get more rain than deserts.
- C. Deserts have more plants than rainforests.
- D. Rainforests are rockier than tundras.

22. The table below shows some plants and animals that live in four different places on Earth.

Some Animals and Plants in Four Areas		
Area	Some Animals	Some Plants
1	seals, bears, caribou	small shrubs, grasses, mosses
2	snakes, lizards, coyotes	cactus, grasses, shrubs
3	monkeys, snakes, frogs	tall trees, flowers, ferns
4	bison, foxes, eagles	tall grasses, shrubs, flowers

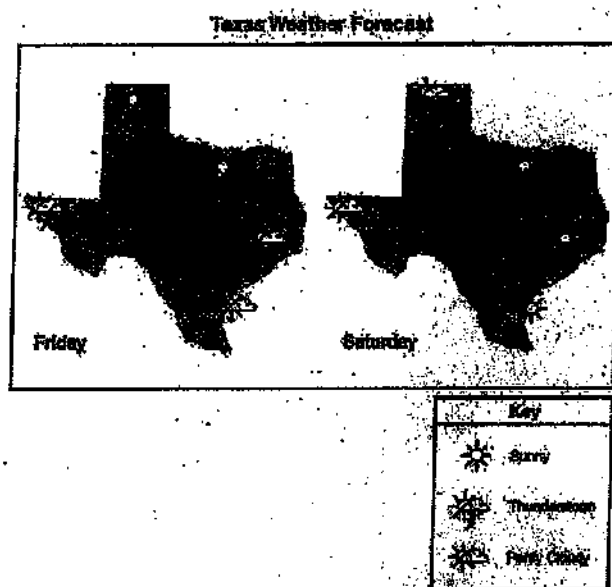
Which area is a rainforest?

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

23. Which has the **greatest** effect on wind speed?

- A. precipitation
- B. cloud cover
- C. wind direction
- D. air pressure

28. Which observation describes a change in climate rather than a change in weather?
- A. The thunderstorm dropped about three centimeters of rain today.
  - B. The average summer temperatures have increased over the last ten years.
  - C. The snowfall in this area was more this week than it was last week.
  - D. The average wind speed in April was less than it was in March.
29. The weather maps show temperatures and rain chances for four locations over a two-day period.



- Rain chances increase in which numbered location?
- A. 1
  - B. 2
  - C. 3
  - D. 4
30. Which cloud type is the **most likely** to produce hail?
- A. stratocumulus
  - B. cumulonimbus
  - C. cirrocumulus
31. Which statement about Hawaii refers to its climate?
- A. A blizzard occurs on one of Hawaii's tallest mountain peaks.
  - B. A high temperature of 37.8°C was recorded earlier today in Hawaii.
  - C. The mountains were shaded by cumulus clouds on a Tuesday afternoon.
  - D. The coolest months are February and March.

34. The weather map shows the weather in four states on the same day.



Based on this map, the weather in Ohio on the following day will MOST likely be

- A. foggy.
- B. rainy.
- C. snowy.
- D. sunny.

35. Which **best** describes a characteristic of the jet stream?

- A. It forms a boundary between a cold air mass and a warm air mass.
- B. It creates the high winds around the eye of a hurricane.
- C. It forces the hot air along the equator to rise to areas in North America.
- D. It causes high pressure air masses to rotate clockwise.

36. Use the diagram to answer the question that follows.



What is the volume of water in this container?

- A. 0.5 L
- B. 1.0 L
- C. 1.5 L
- D. 2.0 L

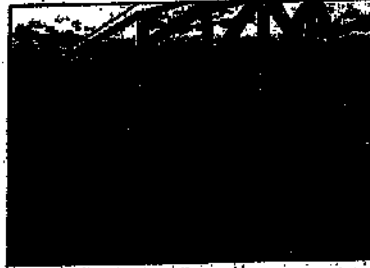
37. Which type of weather is usually associated with a cumulus cloud?

- A. fair
- B. humid
- C. foggy
- D. stormy

42. Which type of clouds are called fog when they are near the ground?

- A. cirrus
- B. stratus
- C. cumulus

43. A cloud is shown beneath the bridge.



This form of water is called

- A. snow.
- B. fog.
- C. rain.
- D. sleet.

44. The morning temperature in a city is 41°F. If a sunny, mild day is forecast, which temperature is most likely for 2:00 p.m.?

- A. 32°F
- B. 41°F
- C. 67°F
- D. 98°F

45. Bone cells need nutrients. Which two systems get nutrients to bone cells?

- A. the digestive system and the circulatory system
- B. the circulatory system and the respiratory system
- C. the respiratory system and the skeletal system
- D. the skeletal system and the digestive system

46. Which BEST describes ALL unicellular organisms?

- A. Every cell is round.
- B. Every cell can make food.
- C. Every cell can move on its own.
- D. Every cell performs all life functions.

53. Which of these is a structure that is present in all organisms?

- A. a tissue
- B. a cell
- C. a stomach
- D. a brain

54. Which is a function of the cardiovascular system?

- A. to move water throughout the body
- B. to provide structural support for the body
- C. to eliminate waste from the body
- D. to transport gases throughout the body

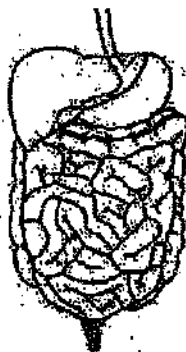
55. All of these are types of taste buds EXCEPT

- A. bitter.
- B. sour.
- C. salty.
- D. chalky.

56. Which body system processes foods into a useable source of energy?

- A. circulatory
- B. digestive
- C. nervous
- D. skeletal

57. Use the diagram to answer the question that follows.



What is the function of the system shown?

- A. breaks down food into a form used by the body
- B. carries oxygen and nutrients to all cells of the body
- C. controls all other systems of the body
- D. takes air into and out of the body



65. The table below describes some human body systems.

	Human Body System	Function
1	circulatory system	makes cells for the skeletal system
2	skeletal system	makes cells for the circulatory system
3	muscular system	makes cells for the digestive system
4	digestive system	makes cells for the muscular system

Which row provides correct information?

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

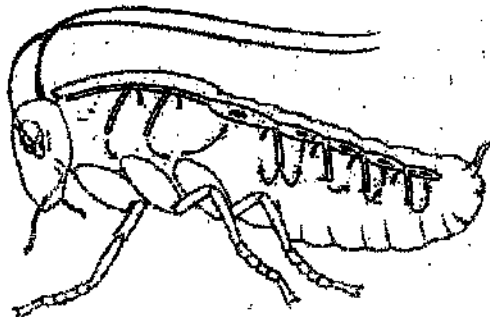
66. Which system of the human body provides protection to **most** of the major organs?

- A. skeletal system  
B. circulatory system  
C. respiratory system  
D. muscular system

67. Which statement **best** describes a bacterial cell?

- A. It contains more than one cell.  
B. It is a complete organism.  
C. It is part of a larger organism.  
D. It contains different kinds of cells.

68. The drawing shows the system that transports nutrients to cells in an insect.



Which system in humans has a function **MOST** like the system shown?

- A. circulatory  
B. digestive  
C. reproductive  
D. respiratory

73. On very hot days, animals will often find a patch of dirt on the ground to lay in to keep cool. Which best explains how laying on the ground and dirt keeps the animal cool?

- A. The coolness from the ground is transferred to the animal's body, lowering the animal's body temperature.
- B. Dirt on the ground protects the animal from the heat in the air, lowering the animal's body temperature.
- C. The animal's body temperature does not change, but the dirt makes the animal feel cooler.
- D. Heat from the animal's body is transferred to the ground, lowering the animal's body temperature.

74. A man is heating up his dinner over a campfire as shown below.



Why is the man wearing gloves?

- A. Metal conducts heat, so the man could burn his hand.
- B. Metal radiates heat, so the man could burn his hand.
- C. Metal is helping light energy pass to the man's hand.
- D. Metal is helping chemical energy pass to the man's hand.

75. Some properties of wool are shown.

- prevents heat loss
- flame-resistant
- absorbs sound

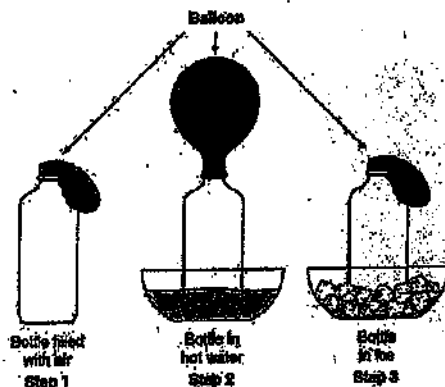
For which purpose is wool BEST used?

- A. providing fuel for fires
- B. making clothes to keep the body warm
- C. making musical instruments louder
- D. keeping athletes cool during an exercise

80. A dark-colored wall becomes warm when the sun shines on it. After sunset, a person standing a meter away can feel warmth from the wall. How does heat transfer from the wall to the person?

- A. radiation
- B. conduction
- C. convection
- D. insulation

81. Uneven heating of Earth causes convection currents.



What part of this process is being demonstrated in this diagram?

- A. Heat causes gases to expand.
- B. Heat causes gases to contract.
- C. As air cools, currents flow clockwise.
- D. As air cools, currents flow counterclockwise.

82. What is the original source of most of the energy that people use?

- A. Energy that reaches Earth's surface by radiation from the Sun.
- B. Energy that reaches Earth's surface by convection from the Sun.
- C. Energy that reaches Earth's surface by radiation from Earth's core.
- D. Energy that reaches Earth's surface by conduction from Earth's core.

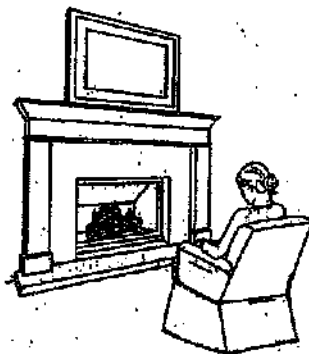
83. Manuel was having trouble opening a new glass jar of pickles. His father told Manuel to hold the metal lid of the jar under running hot water for a few seconds, then try again. Then the lid opened easily. What is the MOST likely reason Manuel's father suggested using hot water to loosen the lid?

- A. Glass contracts when it is heated.
- B. Metals expand when they are heated.
- C. Metals are easier to grip when they are warm.
- D. Hot water reduces friction between metal and glass.

84. Clarissa wants to determine the best material to make a new type of cookware. What type of material should she choose?

- A. A material that conduct heats evenly.
- B. A material that can be easily bent into shape.
- C. A material that does not transmit electricity.
- D. A material that will remain cool to the touch.

88. The area in front of a fire feels warm on a cold evening.

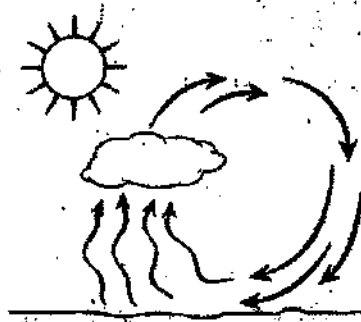


What are the processes that cause the person in front of the fire to feel warm?

- A. conduction and convection
  - B. radiation and conduction
  - C. radiation and convection
  - D. radiation, convection, and conduction
89. A pot is heated on a stove. Which process causes the metal handle of the pot to also become hot?

- A. combustion
- B. convection
- C. radiation
- D. conduction

90. This illustration shows how heat can move through the atmosphere as air circulates.



What causes the circulation of air?

- A. Air in the atmosphere is heated by the Sun and sinks to the ground.
- B. The ground is heated by the Sun and then heats the air, causing the air to rise.
- C. Air loses heat to the ground and then rises upward to obtain more energy.
- D. The Sun heats the clouds which forces the cooler air to move away and sink.

96. What happens to colored sugar when it is added to water?

- A. The sugar reacts and colors the water.
- B. The sugar becomes white and the water changes color.
- C. The sugar evaporates and the water changes color.
- D. The sugar dissolves and colors the water.

97. What happens when the Sun's energy warms ocean water?

- A. The water collects.
- B. The water evaporates.
- C. The water condenses.
- D. The water precipitates.

98. Approximately 71% of Earth's surface is covered with water. The majority of this water is salt water found in the oceans. Where is the majority of Earth's fresh water found?

- A. ice
- B. lakes
- C. rivers
- D. the atmosphere

99. Mr. Doyle's class took a trip to a lake. The students observed a dark mark on the rocks above the surface of the lake. Mr. Doyle said the mark showed where the water level in the lake had been in the past.



What MOST likely happened to lower the water level in the lake?

- A. Ice formed over the lake.
- B. Rainfall around the lake increased.
- C. Lightning struck the surface of the lake.
- D. Air temperatures around the lake increased.

100. Which effect do rapidly cooling temperatures have on the water cycle?

- A. Water droplets evaporate into vapor.
- B. Water vapor condenses into droplets.
- C. Condensation evaporates into precipitation.
- D. Precipitation condenses into water droplets.

107. How does the Sun help move water from the ocean through the water cycle?
- A. by causing surface water to evaporate
  - B. by adding particles to the water
  - C. by increasing the amount of water
  - D. by blowing water toward land

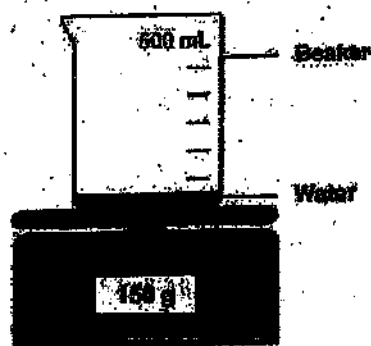
108. Which is a chemical change?

- A. frying an egg
- B. boiling water
- C. breaking a glass cup
- D. crushing a piece of bread

109. Which of these factors causes water to evaporate the fastest?

- A. high temperatures
- B. high humidity
- C. slow winds
- D. slow runoff

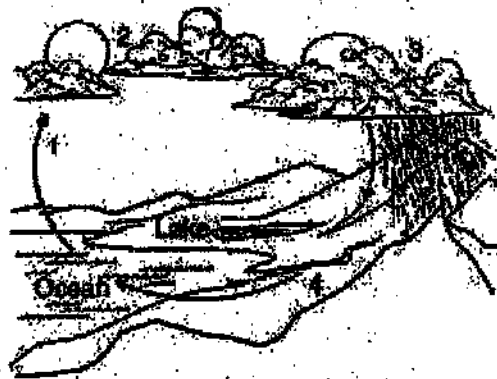
110. Tracy measured the mass of an empty beaker. The mass of the beaker was 100 grams (g). She filled the beaker with some water and measured the mass again. The total mass was 150 grams.



Tracy put the beaker with water in the freezer. After the water froze, what was the mass of the beaker?

- A. 50 g
  - B. 100 g
  - C. 150 g
  - D. 500 g
111. Camilla put water in two flat, uncovered pans. She placed one pan in a sunny spot and put the other pan in a shady spot. She left the pans for 12 hours, then returned and measured the water in both pans. What MOST likely happened to the water in the pans?
- A. More water evaporated from the pan exposed to sunshine.
  - B. More water evaporated from the pan left in the shade.
  - C. The same amount of water evaporated from both pans.
  - D. No water evaporated from either pan.

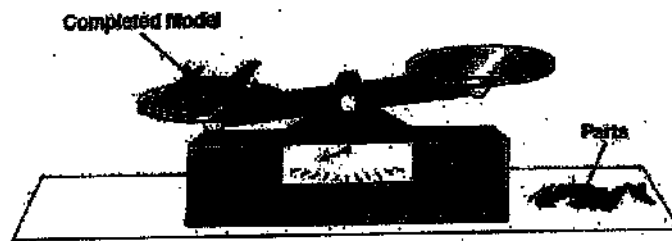
117. One type of cold remedy is an effervescent tablet that breaks down in water. When the tablet is placed in water, it forms gas bubbles. In this example, the formation of a gas
- A. is a physical property.
  - B. occurs when adding water to acid.
  - C. is a sign of a chemical change.
  - D. occurs when the water boils.
118. A group of students weighed a sealed jar full of heavy cream. Then they shook the jar until the cream separated, and then they weighed the jar again. Which of the following would BEST describe its weight?
- A. The jar will have gained weight because some liquid changed to a solid.
  - B. The jar will have gained weight because shaking added energy to it.
  - C. The jar will have lost weight because of friction from shaking the liquid.
  - D. The jar will have kept the same weight because it did not gain or lose any matter.
119. The picture shows the water cycle.



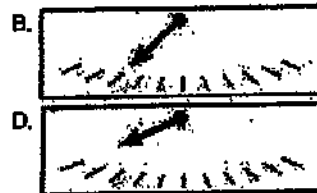
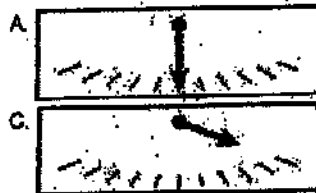
In which part of the water cycle does water change from a liquid to a gas?

- A. part 1
- B. part 2
- C. part 3
- D. part 4

124. A student is comparing the mass of a model airplane to its parts. She places the completed model airplane on one side of the balance.



Which picture BEST shows the direction of the pointer when the parts are added to the other side of the balance?



125. What causes ocean water to evaporate in the water cycle?

- A. energy from the Sun
- B. energy from ocean waves
- C. energy from Earth's rotation
- D. energy from Earth's moon

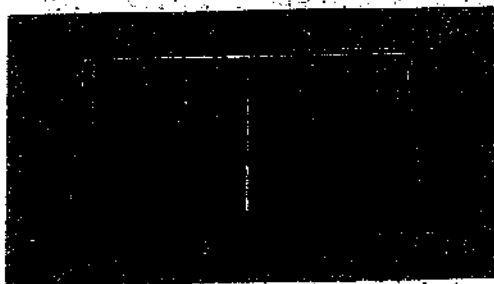
126. The atmosphere of Earth blocks many of the Sun's rays. If weather patterns change and more of the Sun's rays penetrate the atmosphere of Earth, which is MOST likely to increase?

- A. the number of daylight hours
- B. the evaporation of oceans
- C. the length of each season
- D. the pull of gravity





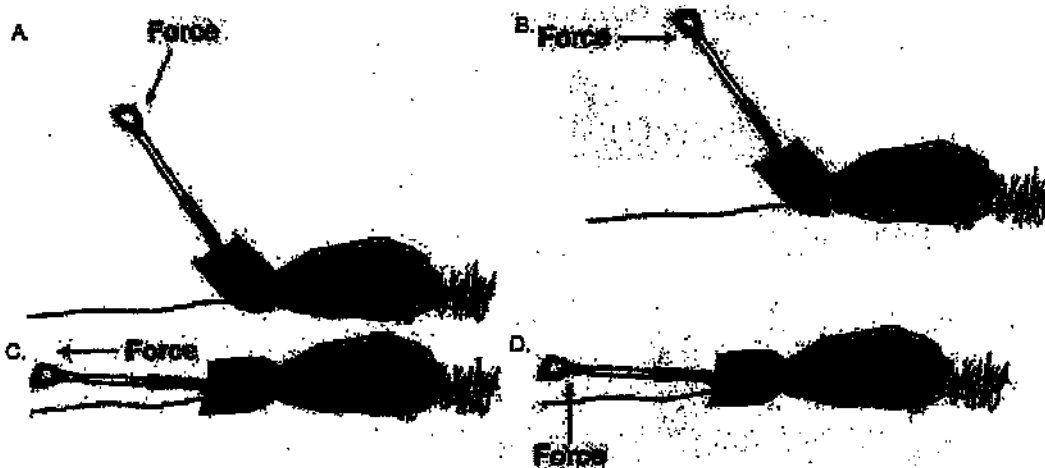
130. A swing set has a mass of 235 kilograms (kg).



The chains connected to the seats have a combined mass of 35 kilograms (kg) and the frame has a mass of 190 kilograms (kg). What is the combined mass of the seats?

- A. 10 kilograms  
B. 15 kilograms  
C. 25 kilograms  
D. 30 kilograms
131. A jeweler melts gold to make jewelry. As the gold melts, the mass
- A. increases.  
B. decreases.  
C. is destroyed.  
D. stays the same.
132. Sodium bicarbonate ( $\text{NaHCO}_3$ ) is commonly known as baking soda. Sodium bicarbonate is a white solid that can dissolve in water. Under the proper conditions, sodium bicarbonate can release carbon dioxide ( $\text{CO}_2$ ) gas. Which of the following is NOT a physical property of sodium bicarbonate?
- A. It is white.  
B. It is a solid.  
C. It can dissolve in water.  
D. It releases carbon dioxide.
133. Which of the following is an example of a chemical change?
- A. clouds forming  
B. sugar dissolving  
C. water freezing  
D. a candle burning
134. As water vapor condenses into liquid, which of the following can be formed?
- A. ice  
B. steam  
C. frost  
D. clouds
135. The water cycle describes the continuous movement of water on Earth. Which part of the water cycle is directly responsible for returning water to the soil?
- A. condensation  
B. evaporation  
C. precipitation  
D. transpiration

138. George works in the school garden. He needs to remove a heavy rock from the soil. George decides to use a shovel to lift the rock. Which picture shows the BEST way for George to use the shovel to lift the rock?

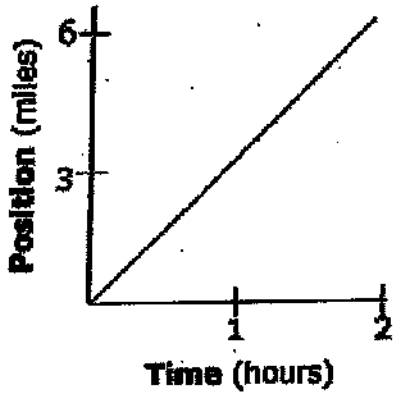


139. Which investigation will BEST test the effects of gravity on moving objects?

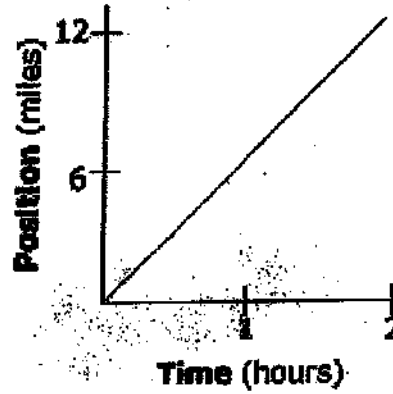
- A pencils falling from the same height
- B balloons floating upward from the same height
- C a bicycle speeding up on a flat surface
- D a ball slowing down on a flat surface

141. A man is running 6 miles per hour. Which graph accurately displays the runner's motion?

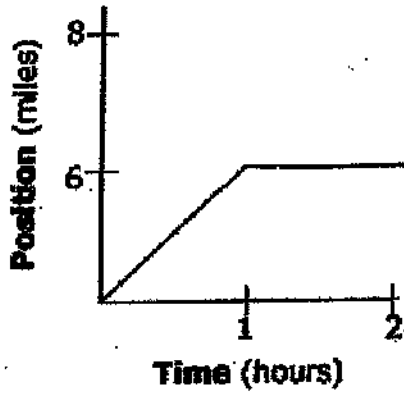
A.



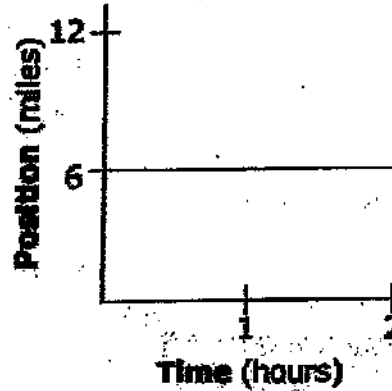
B.



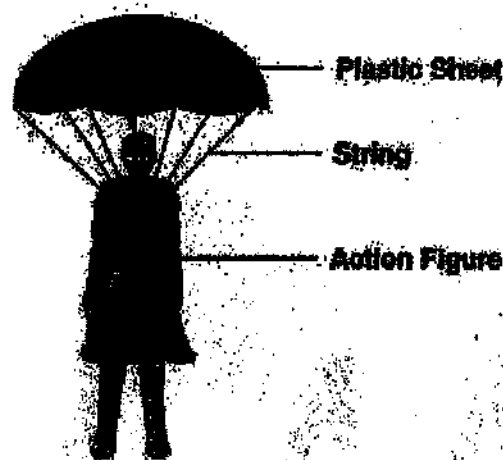
C.



D.

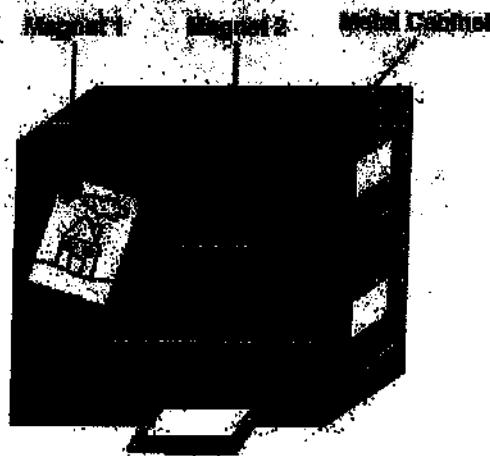


144. Brandon made a parachute for his action figure by taping a thin plastic sheet to pieces of string. Brandon tied the strings to the action figure. When he threw the action figure in the air, it fell back to the ground quickly.



What can Brandon do to make the action figure fall to the ground more slowly?

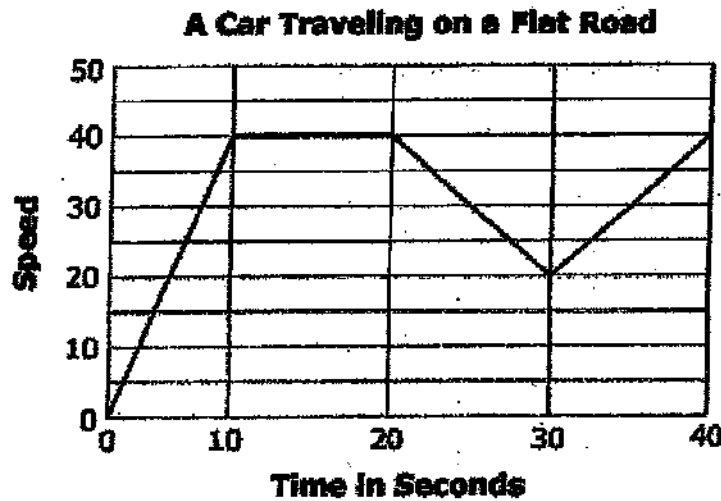
- A. use shorter pieces of string
  - B. use a larger sheet of plastic
  - C. add weights to the action figure
  - D. throw the action figure higher into the air
145. Jan has two identical magnets on her metal cabinet. She hangs a drawing using Magnet 1. She tries to hang a calendar using Magnet 2, but the calendar falls to the floor.



Which BEST explains why Magnet 1 can hold up the drawing but Magnet 2 is unable to hold up the calendar?

- A. The area near Magnet 1 has extra metal.
- B. The calendar is longer than the drawing.
- C. The area under Magnet 2 has more gravity.
- D. The calendar has a greater mass than the drawing.

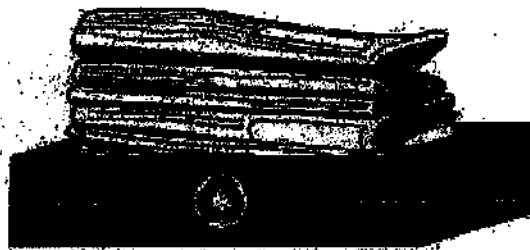
149. Below is a graph displaying the speed of a car. Which **best** describes the time the driver began applying the brakes of the car?



- A. at 10 seconds  
B. at 20 seconds  
C. at 30 seconds
150. Miguel sorted objects he wanted to recycle into two similar boxes. He filled Box 1 with empty bottles and Box 2 with newspapers. He pushed both boxes across the floor. Miguel used more force to push Box 2 than Box 1.



Box 1



Box 2

Which is the **MOST** likely reason Miguel used more force when he pushed Box 2?

- A. Box 2 was taller than Box 1.  
B. Box 2 was heavier than Box 1.  
C. Box 2 had stronger sides than Box 1.  
D. Box 2 contained more objects than Box 1.
151. Marni runs 1500 meters around the school track. What does she need to know in order to find out her speed?
- A. her time from start to finish  
B. the number of steps she took  
C. her heart rate at the finish line  
D. the direction she began running

155. A bus traveled 280 kilometers between two cities. It left the first city at 3:00 p.m. and arrived at the second city at 7:00 p.m. What was the average speed of the bus during the trip?

- A. 4 km/h
- B. 40 km/h
- C. 70 km/h
- D. 280 km/h

156. Anna ran 100 meters in 20 seconds. What was her average speed?

- A. 2 m/s
- B. 5 m/s
- C. 20 m/s
- D. 25 m/s

157. Students rolled a 22-gram car down three different ramps. The results from the investigation are shown in the table.



Ramp	Trial	Speed (seconds)
Carpet	1	5
Wood	2	1
Sandpaper	3	3

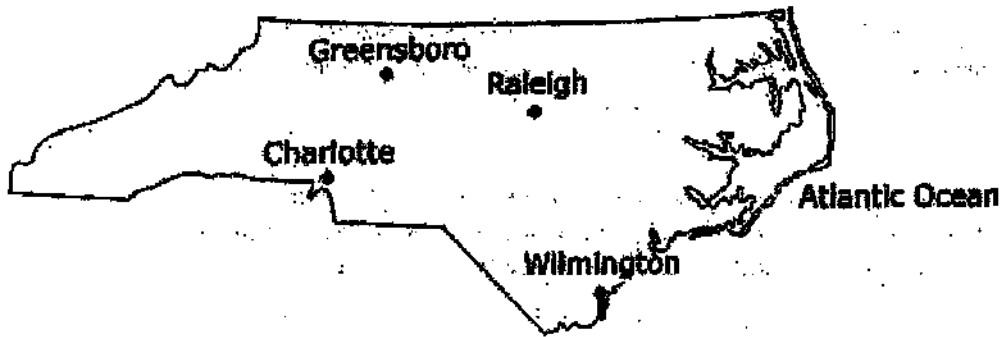
Which statement BEST explains why the car rolled down the wood ramp the fastest?

- A. There was more force applied to the car on the wood ramp.
- B. There was less friction on the surface of the wood ramp.
- C. The wood ramp was higher than the other ramps.
- D. The car on the wood ramp had more mass.

158. The gravitational force of the Sun is strong enough to hold all the planets of the solar system in orbit many millions of miles away. Which BEST describes why objects having far less mass on the surface of these planets are not pulled off and into the Sun?

- A. The objects have too little mass to be affected by the Sun.
- B. The objects have more mass on the planets than on the Sun.
- C. The objects are held by the greater combined gravity of all the planets.
- D. The objects are more strongly affected by the gravity of the planet on which they are found.

165. The map below shows several major cities in North Carolina.



During the winter, which city **most likely** has the warmest average temperature?

- A. Charlotte
- B. Greensboro
- C. Raleigh
- D. Wilmington

166. Which moves clouds through the atmosphere?

- A. winds
- B. evaporation
- C. condensation

167. Which causes North Carolina to experience an increase in winter precipitation?

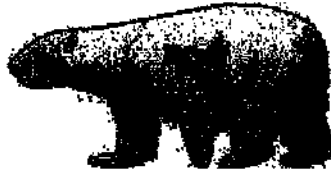
- A. El Niño
- B. La Niña
- C. trade winds
- D. prevailing westerlies

168. Which **best** describes the Gulf Stream?

- A. an ocean current which originates in the Gulf of Mexico and causes warm water to travel up the east coast of the United States
- B. an ocean current which originates in the Gulf of Mexico and causes cool water to travel up the east coast of the United States
- C. an ocean current which originates in the Gulf of Mexico and causes warm water to travel down the east coast of Mexico
- D. an ocean current which originates in the Gulf of Mexico and causes cool water to travel down the east coast of Mexico



173. The picture shows a polar bear.



Which change in the environment would **MOST** likely decrease the ability of this animal to survive?

- A. increase in Earth's temperature
- B. decrease in Earth's temperature
- C. increase in yearly rainfall
- D. decrease in yearly rainfall



5<sup>TH</sup> GRADE

READING

BREAK

PACKET

NAME: \_\_\_\_\_

Read the passage - 'Helping Hurricane' - and answer the question below:

5. Which word BEST describes Rob's feelings toward Hurricane?

- A. grateful
- B. hopeful
- C. humorous
- D. astonished

Read the passage - 'Helping Hurricane' - and answer the question below:

6. Which sentence BEST summarizes "Helping Hurricane"?

- A. Soft music soothes and relaxes both people and horses.
- B. Rob helps a horse overcome a problem and win a race.
- C. Race days are unlike other days in the stables.
- D. Stable hands, like Rob, work long, hard hours.

Read the passage - 'Helping Hurricane' - and answer the question below:

7. Based on the passage, Mr. Linley will MOST LIKELY

- A. use Hurricane to help other horses relax.
- B. make Rob the head trainer at the stables.
- C. decide to keep Hurricane as a racehorse.
- D. put a different animal in the stall with Hurricane.

Read the passage - 'Helping Hurricane' - and answer the question below:

8. What is the BEST summary of this passage?

- A. Rob worked with racehorses at a stable. When the horses weren't winning, Rob tried to help them. Hurricane was one horse that Rob helped win a race.
- B. Rob works with racehorses and really likes Hurricane. Hurricane should be a champion, but isn't winning any races. Rob helps him to finally win a race by keeping him calm on race day.
- C. Hurricane is Rob's favorite horse. Rob notices that Hurricane doesn't like his race day routine so he changes it. Rob also gets Hurricane a stablemate and music.
- D. Mr. Linley was going to sell Hurricane because he wouldn't win any races. Rob was upset and asked Mr. Linley not to sell him. Rob tried different things to keep Hurricane from being sold.

Read the passage - 'Helping Hurricane' - and answer the question below:

9. Which excerpt identifies the MAIN problem in the passage?

- A. Rob went from stall to stall, giving each horse oats, grain, and water.
- B. ... Mr. Linley hoped that Hurricane would one day be a champion, although Hurricane had not yet won any races.
- C. ... they were not taken out for exercise on the day of a race, as they usually were.
- D. He gently scratched the horse between the eyes.

States.”

- 12 When he saw my eyes well up with tears he added, “*No te olvides del viejo Emilio.*” “Don’t forget old Emilio.”
- 13 After a long plane trip, we finally arrived in Decatur, Georgia. It was winter in the southern United States, and the icy winds pried their fingers into every corner of our little attic apartment. My father taped all of the windows with plastic to keep out the cold. I knew that was why I never heard the song of the Peanut Man.
- 14 Other things were different, too. Heavy leather shoes and wool tights took the place of my sandals. Instead of wonderful strolls with my mother to the butcher’s and the fruit stand, greeting friends and neighbors along the way, we took a car trip to a bright new grocery store, where the fruits were not heaped in baskets but stacked in neat rows in the produce section.
- 15 And on the coldest nights, the hiss of the old radiator became my lullaby as I waited for spring.
- 16 Spring came. On a warm afternoon my father took me to my first baseball game, in Atlanta. It was noisy in the stadium. I looked around at the jostling crowds, then at the green turf where the players were warming up in their crisp white uniforms. It was beautiful. I squeezed my father’s calloused hand.
- 17 That’s when I heard it.
- 18 “Peanuts, get your peanuts! Peanuts!” I tugged at my father’s trousers with one hand and pointed excitedly with the other.
- 19 “*Papi, mira! Un manicero!*” “Papi, look! A Peanut Man!” I couldn’t believe it. Maybe the United States wasn’t so different from our Cuba after all.

“The Peanut Man” by Carmen Deedy from *Highlights for Children*, September 1995. Copyright © 1995 by Highlights for Children, Inc., Columbus, OH.

20. What is a positive result of the speaker seeing a peanut man in the United States?
- A. It made her feel more at home.
  - B. It allowed her to attend a baseball game.
  - C. It helped her learn a new language.
  - D. It gave her time to spend with family members.

---

Read the passage - “The Peanut Man” - and answer the question below:

21. What does Coqui have the most trouble adjusting to when she leaves Cuba?
- A. the weather
  - B. the plane trip
  - C. the grocery store
  - D. the baseball game

---

Read the passage - “The Peanut Man” - and answer the question below:

Read the passage - 'The Peanut Man' - and answer the question below:

35. Read this sentence.

It was winter in the southern United States, and the icy winds pried their fingers into every corner of our little attic apartment.

Which type of figurative language is used in the sentence?

- A. simile
- B. metaphor
- C. personification
- D. idiom

Read the passage - 'The Peanut Man' - and answer the question below:

36. What happens at the end of the story that makes Coqui change her opinion of the United States?

- A. She enjoys watching the crowds at a baseball game.
- B. She sees a beautiful baseball field for the first time.
- C. She hears a man selling peanuts at the baseball game.
- D. She feels the warm spring sunshine at a baseball stadium.

Read the passage - 'The Peanut Man' - and answer the question below:

37. Coqui falls asleep each night in Georgia listening to the sounds of

- A. the elevator in the hallway.
- B. the traffic outside her bedroom window.
- C. the plastic window covering blowing in the wind.
- D. the radiator in her room.

Read the passage - 'Malia's Chance to Dance' - and answer the question below:

Malia's Chance to Dance

### Malia's Chance to Dance

by Beth Greenway

- 1 I can't be late. Not today! Malia thought as she raced across the park.
- 2 Today her hula teacher would choose students to dance at the hua.
- 3 Malia reached the end of the park. "Aloha, Uncle Charles," she greeted her teacher. All the dancers called him "Uncle" in the local way.
- 4 Malia joined her hula sisters beneath a shady monkeypod tree. She pulled on a colorful skirt.

46. Why are facial expressions and hand motions important in hula dancing?

- A. They assist the dancers in keeping rhythm.
- B. They help the dancers tell the story of the song.
- C. They keep the dancers in line while performing.
- D. They demonstrate how the dancers feel about hula.

---

Read the passage - 'Malia's Chance to Dance' - and answer the question below:

47. Read the sentences from Paragraph 14 of the passage.

*Oh no! Malia had danced in the wrong direction. Malia felt her face burn, but she kept dancing and smiling.*

What do these sentences show about Malia?

- A. She is impatient.
- B. She is grateful.
- C. She is dizzy.
- D. She is embarrassed.

---

Read the passage - 'Malia's Chance to Dance' - and answer the question below:

48. Why is Malia chosen to dance at the luau?

- A. She is by far the best dancer.
- B. She correctly performs the dance steps.
- C. She dances in time with the beat of the music.
- D. She expresses the meaning of the song with her smile.

---

Read the passage - 'Malia's Chance to Dance' - and answer the question below:

49. What is the MAIN lesson in the passage?

- A. People need to show patience toward others.
- B. A person should be able to depend on family for support.
- C. If a person keeps trying, success can happen.
- D. Success is believing in others.

---

Read the passage - 'Malia's Chance to Dance' - and answer the question below:

50. How is the problem in the passage solved?

- A. Malia is allowed to wear what her hula sisters wear.
- B. Malia remembers all the steps to the dance.
- C. Malia is chosen to perform at the luau.
- D. Malia arrives to practice with plenty of time to warm up.

---

Read the passage - 'Malia's Chance to Dance' - and answer the question below:

58. Which sentence from the text describes the advantage of a *rollback*?

- A. "A computer launches the Scary Mountain trains."
- B. "Sometimes it does not give the train enough speed to get over the hill."
- C. "We would get two rides."
- D. "We're already going to be scared out of our minds anyway."

---

Read the passage - 'The Ride of My Life' - and answer the question below:

59. Which sentence from the text tells what Scary Mountain has in common with the speaker's favorite ride?

- A. "The roller coaster train goes straight out of the station."
- B. "Then it comes back to the station."
- C. "It was so high and fast, we could not believe it."
- D. "Almost every rider screamed when it took off."

---

Read the passage - 'The Ride of My Life' - and answer the question below:

60. How does the narrator feel when the whole group rides Twinner based on paragraph 6?

- A. The narrator feels competitive toward the parents.
- B. The narrator feels angry that the parents are there.
- C. The narrator feels anxious about the parents' safety.
- D. The narrator feels confused about the parents' actions.

---

Read the passage - 'The Ride of My Life' - and answer the question below:

61. Which is the theme of the text?

- A. It is worthwhile to do something one truly enjoys, even when it is time-consuming.
- B. It is worthwhile to do something one truly enjoys, even when it is expensive.
- C. It is worthwhile to do something one truly enjoys, even when it is difficult.
- D. It is worthwhile to do something one truly enjoys, even when it is scary.

---

Read the passage - 'The Ride of My Life' - and answer the question below:



- 7 Mitchell quickly changed her mind about having Latham read her manuscript. She wrote him a telegram telling him so, but it was too late. Latham read the bits and pieces of the unfinished novel and knew it would be a success. The company he worked for paid Mitchell to finish her book. Soon it was published and was instantly popular. In 1939, *Gone With the Wind* was awarded the Pulitzer Prize<sup>1</sup> for literature. It was also made into an amazing movie, which generation after generation of viewers have loved.

<sup>1</sup>Pulitzer Prize: distinguished award given annually for achievement in journalism, literature, music, and drama and named for Hungarian-born American journalist Joseph Pulitzer

70. With which statement would the author of "Margaret Mitchell" MOST LIKELY agree?

- A. Mitchell based her novel on her own life.
- B. Mitchell influenced many later great novelists.
- C. Mitchell has never received as much praise as her novel.
- D. Mitchell never wanted her book to become a popular novel.

Read the passage - "Margaret Mitchell" - and answer the question below:

71. According to the passage, a steel magnolia is someone who is

- A. pretty and strong-willed.
- B. beautiful and intelligent.
- C. tall and well-mannered.
- D. shy and thoughtful.

Read the passage - "Margaret Mitchell" - and answer the question below:

72. Which sentence from the passage states an **OPINION**?

- A. The main character of the book is not a charging soldier, though.
- B. Margaret Mitchell was just as headstrong.
- C. Mitchell worked on her book for the next ten years.
- D. After she left the meeting, she met with some friends.

Read the passage - "Margaret Mitchell" - and answer the question below:

73. Which sentence tells why Mitchell decided to share her manuscript of *Gone With the Wind*?

- A. A publisher from New York visited her.
- B. A book about the Civil War inspired her.
- C. A broken ankle caused her to have to stay in bed.
- D. A friend commented on what it took to be a writer.

Read the passage - "Margaret Mitchell" - and answer the question below:

74. Which paragraph describes the event that caused Margaret Mitchell to send her manuscript to Howard Latham in New York?

- A. Paragraph 3
- B. Paragraph 4
- C. Paragraph 5
- D. Paragraph 6

83. Why did Margaret Mitchell share her manuscript with Howard Latham?

- A. She was tired of hiding the book from others.
- B. She wanted credit for her years of work.
- C. She thought the book would make a good movie.
- D. She wanted others to take her writing seriously.

---

Read the passage - "Margaret Mitchell" - and answer the question below:

84. Read the sentence from the passage.

She went straight home and gathered up as much of her manuscript as she could find.

The underlined words in this sentence mean

- A. she went home without stopping anywhere else.
- B. she traveled on a road that did not have any turns.
- C. she changed directions during her trip.
- D. she went to the home of a friend.

---

Read the passage - "Margaret Mitchell" - and answer the question below:

85. What was in the telegram Margaret Mitchell sent to Howard Latham?

- A. a request that he not read her book
- B. an explanation of why she initially did not want to see him
- C. a description of her next book
- D. an invitation to meet with her again

---

Read the passage - "Margaret Mitchell" - and answer the question below:

86. Read the sentence from the passage.

She met with him but was too embarrassed to admit she even had a book.

What does the word embarrassed mean as it is used in this sentence?

- A. timid
- B. silly
- C. unprepared
- D. scared

---

Read the passage - "Margaret Mitchell" - and answer the question below:

87. Which event from the text supports the idea that *Gone With the Wind* is a respected book?

- A. A company in New York publishes the novel.
- B. The novel takes Mitchell ten years to finish.
- C. Mitchell wins a Pulitzer Prize for writing the novel.
- D. The novel is made into a movie.

96. Read the sentences from the passage.

You will start with a page from a child's coloring book. By using a drawing from a coloring book, you will not have to worry about drawing the shape of the object to begin with. Instead, you can learn about the ink artist's techniques. You may be surprised to see how simple lines, dots, and dashes create shape, texture, and shading.

Which key words would you write down from this paragraph to summarize the information?

- A. start; completed drawing; surprised to see
- B. coloring book; a completed drawing; focus on learning the ink artist's skills
- C. coloring book page; ink artist's skills; create shape, texture, and shading
- D. page; completed drawing from coloring book; ink artist's skills

Read the passage - 'Make a Pen and Ink Drawing' - and answer the question below:

97. Which item used by pen and ink artists is thought to be the LEAST common?

- A. paper
- B. pencil
- C. technical pen
- D. ballpoint pen

Read the passage - 'Make a Pen and Ink Drawing' - and answer the question below:

98. According to the passage, what is the MAIN difference between a painter and a pen and ink artist?

- A. A painter uses only dark colors, while a pen and ink artist uses only light ones.
- B. A painter uses many different colors, while a pen and ink artist uses only one color of ink.
- C. A painter uses a variety of paper colors, while a pen and ink artist uses only one color of paper.
- D. A painter uses only a few brush colors, while the pen and ink artist uses many different brush colors.

Read the passage - 'Make a Pen and Ink Drawing' - and answer the question below:

99. Which is the BEST outline of the information in the passage?

- A. Drawing with pen and ink
  - What you need
  - Planning with pencil
  - Using the ink
- B. Steps for pen and ink
  - Thinking about the drawing
  - Getting started
  - Judging your drawing
- C. Painters and pen and ink artists
  - Deciding what to use
  - Pencil and ink
  - Planning the drawing
- D. Starting the pen and ink drawing
  - Things needed
  - Designs on the page
  - Using the pencil

## Step 2: Do Your Homework

Next, you need to find out if anyone would be interested in paying for your service or product. This is called **market research**. To do market research, first think about who your customers might be. Will they be friends your age or adults in the neighborhood? Choose 5 to 10 people about the same age as your future customers, and ask them questions about your business idea. If you plan to sell a product, you will need to show a sample of it.

Here are some sample questions:

### For a service

Would you be interested in a \_\_\_\_ service?

How often would you need this service?

How much would you be willing to pay for the service?

### For a product

Would you be interested in buying a \_\_\_\_ like this?

How much would you be willing to pay for it?

What changes should be made to it?

Have you ever bought a \_\_\_\_ like this? What did it cost?

The answers will tell you if there is enough interest in your product or service and the amount people might pay for it. You also might find out whether or not people already use a similar product or service. If so, your product or service must be of a higher quality or offered at a lower price in order to compete.

## Step 3: Plan the Business

If your market research shows that there is a demand for your business, the next step is to decide exactly how the business will work. Use these questions as a guide.

What equipment and supplies will you need? Where and how can you get them at the lowest cost to you? Is it possible to borrow some of the tools you will need?

How much time will you be able to spend on your business? While you may wish to spend evenings and weekends working on your business, you must think about time needed for school, family, and other activities.

How much will you charge for your product or service? You must charge enough to cover your costs and make a profit, but it must be a price that people are willing to pay. Remember to consider the prices of other competing products or services.

How will you let people know about your product or service? Will you put flyers on people's doors or put

124. When starting your own business, why should you think of a service or product that people need?

- A. Your business will be more likely to succeed.
- B. Neighbors will be proud of you for starting your own business.
- C. Other kids will want to start a business like yours.
- D. Your friends will help you with your business.

---

Read the passage - 'Start Your Own Business' - and answer the question below:

125. What topic is covered in the passage?

- A. how to start a business and earn money
- B. how to find an afterschool or summer job
- C. how much time a young person should work each day
- D. how much money a young person can make in a summer

---

Read the passage - 'Start Your Own Business' - and answer the question below:

126. If there is a demand for a product or a service, then the next step would be to

- A. divide the responsibilities among several people.
- B. advertise your product or service.
- C. decide exactly how the business will work.
- D. purchase all the necessary equipment and supplies.

---

Read the passages - 'Start Your Own Business', 'Starting a Business Paragraph' - and answer the question below:

127. Which conclusion is supported by both "Start Your Own Business" and "Starting a Business"?

- A. Useful information is gained by talking with people about products and services.
- B. Services make more money than products according to market research.
- C. Most new businesses succeed and expand after a period of time.
- D. Most people are surprised at the amount of work required to start a business.

---

Read the passage - 'Start Your Own Business' - and answer the question below:

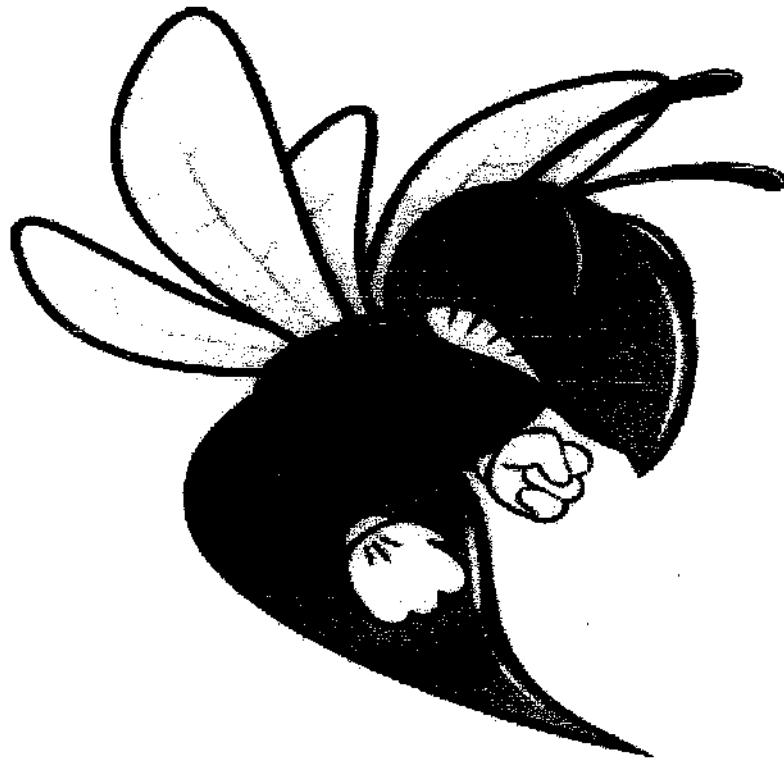
128. Which statement from the passage suggests ideas for different kinds of businesses?

- A. ... but you may not be old enough to work at an afterschool or summer job.
- B. There may be another way to earn some extra cash.
- C. Mowing yards, babysitting, or walking other people's dogs may work for some kids.
- D. Besides, being a business owner is fun!



**2020 SPRING STUDENT  
ENRICHMENT PACKET**  
**Grade 5**  
**Mathematics**

**Name** \_\_\_\_\_



**Aurelian Springs Institute of Global Learning**  
**Halifax County Public Schools**

Student:

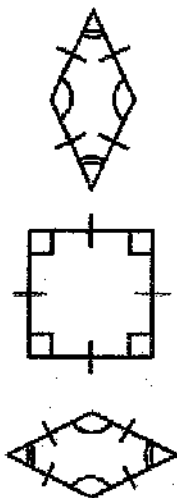
Class:

Date:

1. Belinda drew a square. Which word could also describe the square?

- A. kite
- B. rectangle
- C. trapezoid
- D. triangle

2. Which name could be used to describe all of the figures shown?



- A. square
- B. rhombus
- C. rectangle
- D. trapezoid

3. Which term should NOT be used to describe a square?

- A. parallelogram
- B. rhombus
- C. rectangle
- D. trapezoid

4. Which word BEST describes every rhombus?

- A. parallelogram
- B. rectangle
- C. regular
- D. square

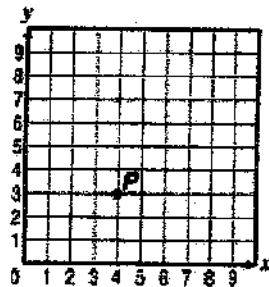


16. Rudy wanted to draw a rhombus. Instead, he drew the figure below.

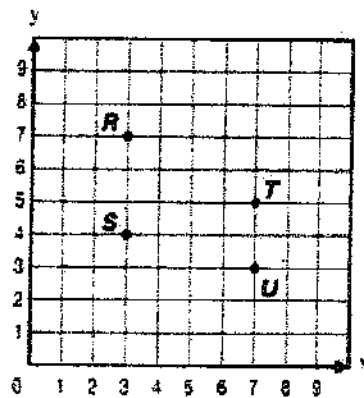


Which sentence **BEST** explains why Rudy's drawing is **NOT** a rhombus?

- A. A rhombus is a type of polygon.
  - B. A rhombus has exactly four sides.
  - C. A rhombus has four sides of equal length.
  - D. A rhombus has two pairs of parallel sides.
17. Which quadrilateral is **NOT** a parallelogram?
- A. kite
  - B. square
  - C. rhombus
  - D. rectangle
18. What are the coordinates for Point *P* on the graph below?

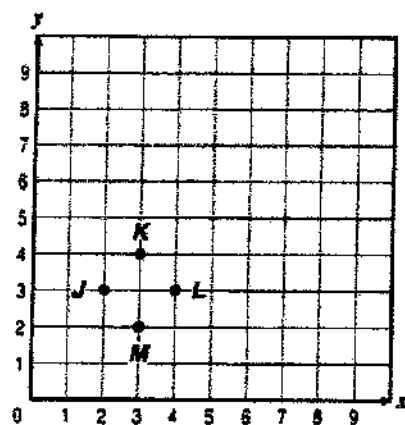


- A. (3, 3)
  - B. (3, 4)
  - C. (4, 3)
  - D. (4, 4)
19. Which point on the graph below represents (7, 3)?



- A. *R*
- B. *S*
- C. *T*
- D. *U*

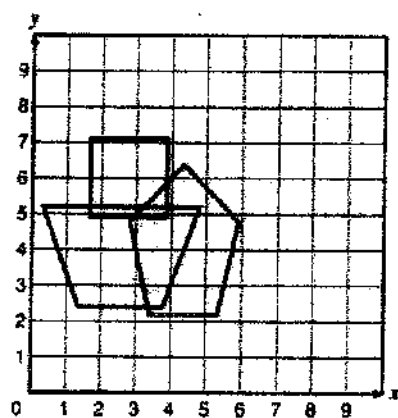
27. Which point on the graph below represents  $(4, 3)$ ?



- A. J
- B. K

- C. L
- D. M

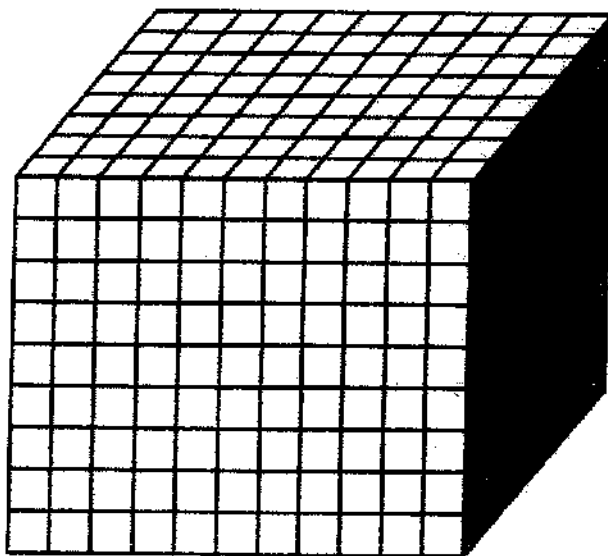
28. Which ordered pair is outside the trapezoid and the square, but inside the pentagon?



- A.  $(5, 3)$
- B.  $(4, 4)$

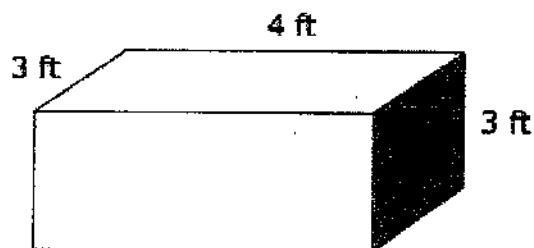
- C.  $(2, 6)$
- D.  $(1, 4)$

40. The rectangular figure shown below is made up of one-cubic-unit blocks.



Which number sentence would Larry use to find the volume of the figure?

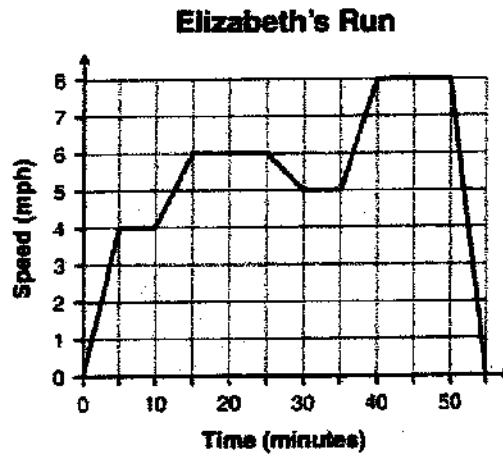
- A  $8 + 9 + 11$                       C  $8 \times (9 + 11)$   
B  $(8 + 9) \times 11$                   D  $8 \times 9 \times 11$
41. A rectangular prism has a base of  $312 \text{ cm}^2$  and a height of 4 cm. What is the volume of the prism?
- A  $1,448 \text{ cm}^3$                       C  $316 \text{ cm}^3$   
B  $1,248 \text{ cm}^3$                       D  $308 \text{ cm}^3$
42. A rectangular prism is shown below.



What is the volume of the prism?

- A 10 cubic ft                      C 21 cubic ft  
B 13 cubic ft                      D 36 cubic ft

53. The graph shows Elizabeth's speed during a 55-minute run.



During which time interval did Elizabeth's speed increase?

- A. 0 to 5 minutes  
B. 5 to 10 minutes  
C. 15 to 25 minutes  
D. 25 to 30 minutes
54. How many inches of ribbon does Mary have if she has 6 yards of ribbon?
- A. 18 inches  
B. 72 inches  
C. 216 inches  
D. 648 inches
55. A 5-gallon bucket holds how many pints of water?
- A. 10 pints  
B. 20 pints  
C. 40 pints  
D. 80 pints



89. Frank had 395 marbles he put into bags. He put 22 marbles in each bag until he ran out. How many marbles did he have in the last bag?

- A 17  
B 18  
C 21  
D 22

90. John had 3 pieces of wood, all the same length. He cut each piece of wood into fourths. How many pieces did John have after the cuts were made?

- A 12  
B  $1\frac{1}{3}$   
C  $\frac{3}{4}$   
D  $\frac{1}{12}$

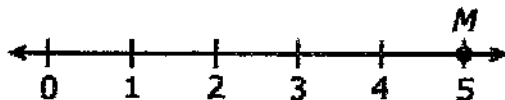
91. Levi had 6 apples. He sliced each apple in half. How many apple slices did Levi have?

- A 12  
B 3  
C  $\frac{6}{12}$   
D  $\frac{1}{12}$

92. Shelley cleans houses. She worked 18 hours cleaning 5 different houses. She worked an equal number of hours at each house. How many hours did Shelley work at each house?

- A  $\frac{5}{18}$  hour  
B  $3\frac{3}{5}$  hours  
C  $5\frac{3}{5}$  hours  
D 90 hours

93. Which fraction is equivalent to point  $M$  on the number line below?



- A  $\frac{1}{5}$   
B  $\frac{5}{5}$   
C  $\frac{30}{4}$   
D  $\frac{25}{4}$

107. Gary had 21 yards of rope. He cut the rope into  $\frac{1}{3}$ -yard pieces. How many pieces of rope did Gary have?
- A. 7  
B.  $21\frac{1}{3}$   
C. 63  
D. 69
108. Naomi pours  $\frac{1}{2}$  quart of tea evenly between 3 glasses. How much tea is in each glass?
- A.  $\frac{1}{6}$  quart  
B.  $\frac{1}{3}$  quart  
C.  $\frac{1}{2}$  quart  
D.  $\frac{3}{2}$  quarts
109. Leo's garage floor measures  $12\frac{1}{2}$  yards by  $8\frac{3}{4}$  yards. What is the area of Leo's garage floor?
- A.  $20\frac{3}{8}$  yards<sup>2</sup>  
B.  $21\frac{1}{4}$  yards<sup>2</sup>  
C.  $109\frac{3}{8}$  yards<sup>2</sup>  
D.  $109\frac{5}{8}$  yards<sup>2</sup>
110. Susan poured  $\frac{1}{2}$  of a gallon of milk equally into 3 glasses. How much milk was poured into each glass?
- A. 6 gallons  
B. 4 gallons  
C.  $1\frac{1}{2}$  gallons  
D.  $\frac{1}{6}$  gallon
111. Jill has 8 pounds of walnuts. She divides them into  $\frac{1}{3}$ -pound bags. How many bags of walnuts did Jill make?
- A.  $2\frac{2}{3}$   
B. 3  
C. 11  
D. 24

