

CIP Science 5 3rd Quarter Review

1

Which do meteorologists use to measure the amount of precipitation that falls during a storm?

- A) Weather vane
- B) Barometer
- C) Anemometer
- D) Rain gauge

2

What kind of storm is associated with heavy rain, winds above 75 mph, high tides, and huge waves?

- A) Hurricane
- B) Flood
- C) Tornado
- D) Thunderstorm

3 Which instrument does a meteorologist use to measure wind speed?

A)



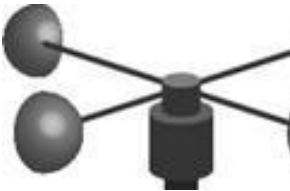
B)



C)



D)



4

Directions: Click and drag the text to the correct box.

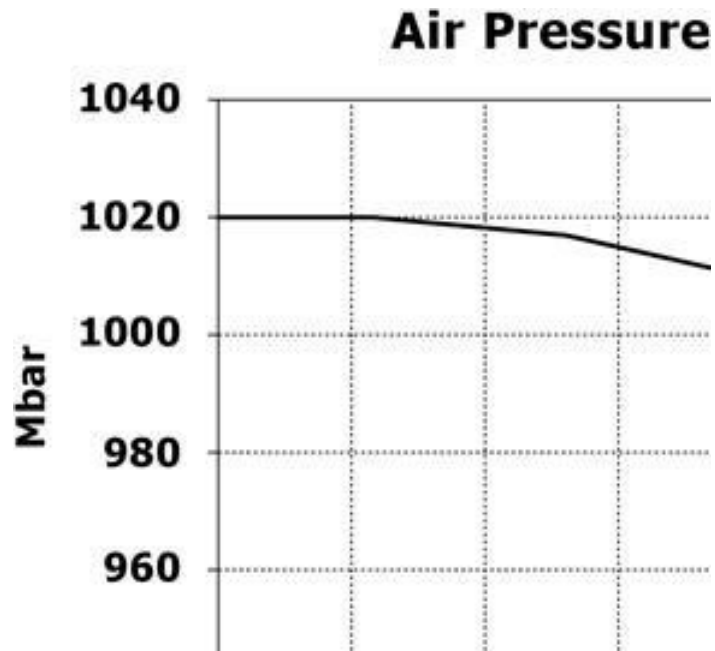
Match each cloud picture with its correct name.



cumulus
stratus
cumulonimbus
cirrus



5



The air pressure was measured each hour for one day. What is the best prediction for the kind of weather that happened during that day?

- A The weather changed from nice weather to rain.
- B The weather changed from slightly windy to a tornado.
- C The weather changed from snow to good weather.
- D The weather changed from thunderstorms to a hurricane.

6

Imagine a cyclist resting at the top of a hill. He is facing the bottom of the hill, so he has —

- A motion
- B friction
- C potential energy
- D kinetic energy

7

Motion is described by an object's —

- A) direction and mass
- B) direction and speed
- C) force and mass
- D) speed and force

8

Which wagon will take the most force to get up a hill?

A



B



C



D



9

Directions: Click on each answer you wish to select. You must select all of the correct answers.

Which of the following examples show kinetic energy?

A skier standing at the top of a mountain

A train moving along the tracks

A tennis shoe falling down the stairs

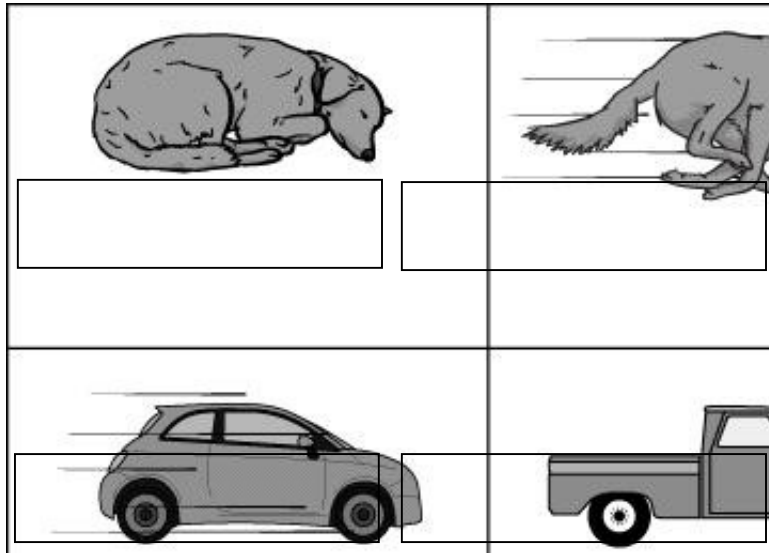
A person running on the sidewalk

A candle sitting on a shelf

10

Directions: Click and drag the text to the correct box.

Label the pictures based on whether or not they have kinetic energy.



dog with kinetic energy

dog without kinetic energy

toy with kinetic energy

toy without kinetic energy

11

Directions: Click on each answer you want to select. You must select all the correct answers.

Which of the following statements about friction are true?

Brakes on a car work by adding friction to the wheels.

Friction causes hands to feel cold when they are rubbed together.

A ball has less friction on a rough surface than on a smooth surface.

A sled goes fast on a snowy hill because snow has less friction than grass.

12

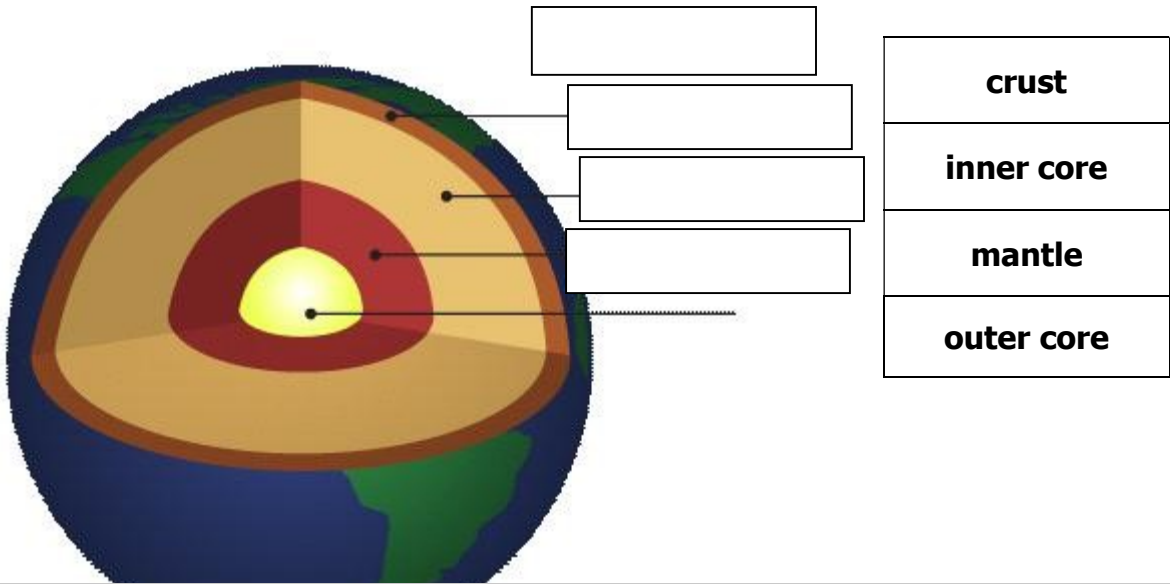
Directions: Click on the answers that are correct. You may select only 3 answers.

Identify the three types of rocks.

Crust	Sedimentary
Igneous	Core
Metamorphic	Mantle

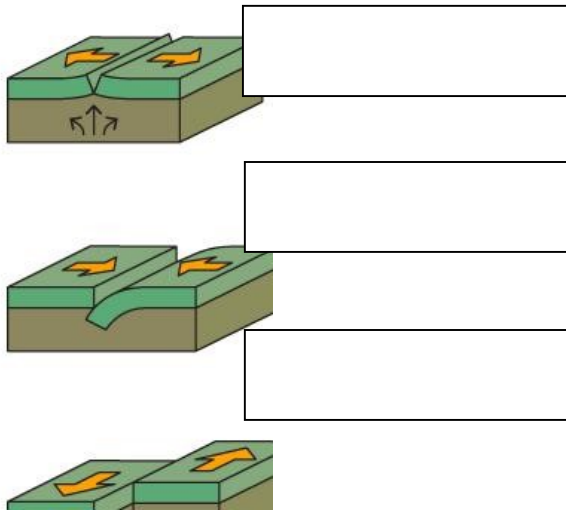
13 **Directions: Click and drag the layers of the Earth to the correct location.**

Complete the diagram.



14 **Directions: Click and drag the text to the correct box.**

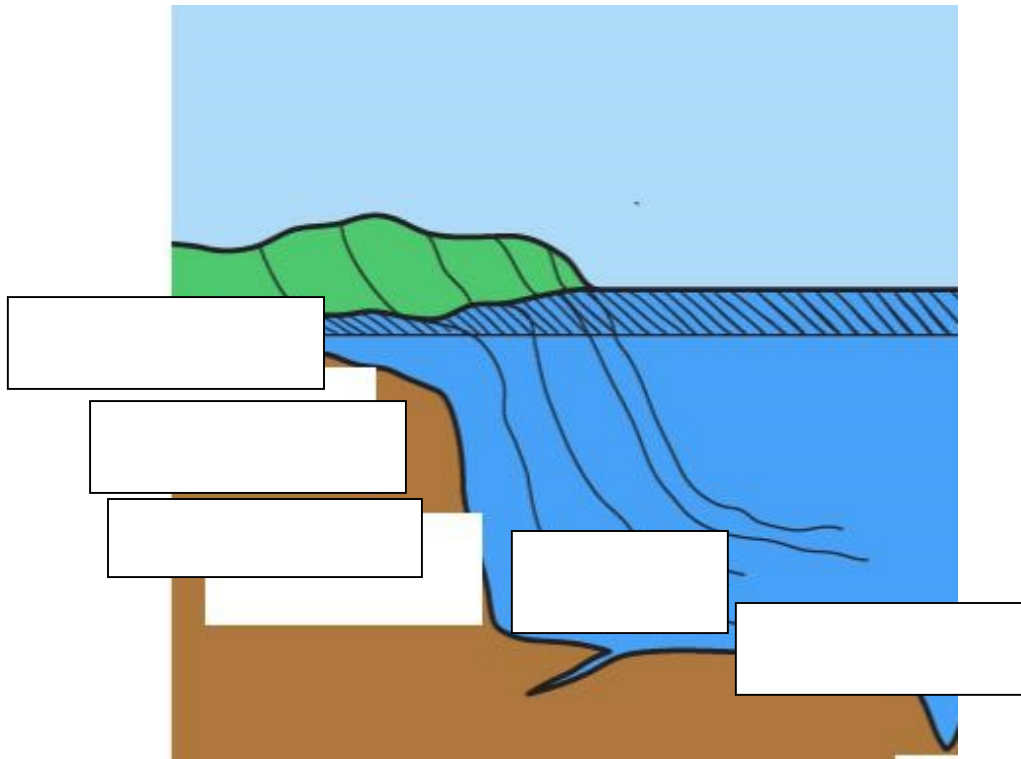
Match each type of plate to the correct picture.



15

Directions: Click and drag the text to the correct box.

Place the text in the correct location to complete the diagram.

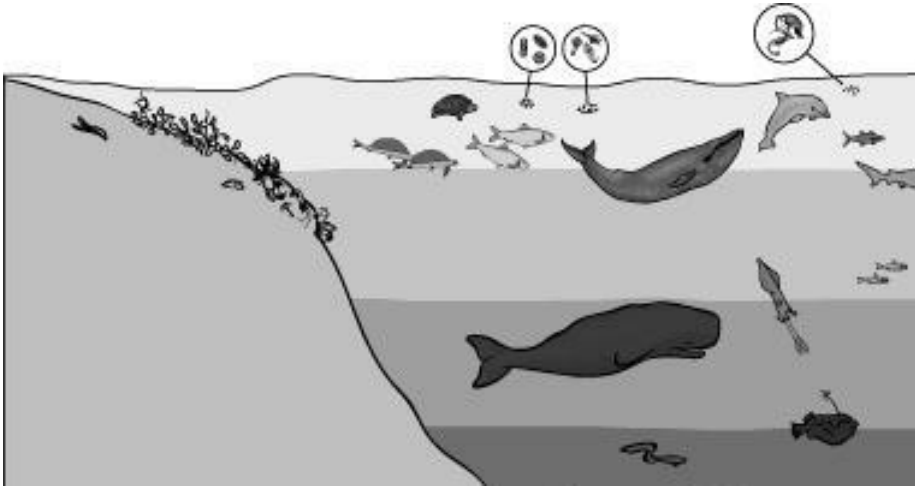


- Continental shelf
- Continental slope
- Continental rise
- Abyssal plain
- Ocean trench

16

Which phrase best describes salinity?

- A) Amount of salt in water
- B) Amount of sand in water that is washed from the beaches
- C) Amount of water that is polluted
- D) Number of populations living in the water
- E) Number of molecules of water in an area



How does the depth of the ocean affect how much light that part of the ocean receives?

- A The deeper the ocean is, the darker it gets.
- B The more shallow the ocean, the darker it appears.
- C The ocean gets lighter as it gets deeper.
- D There is no connection between depth and light in the ocean.

18

Directions: Click on each answer you want to select. You must select all the correct answers.

Which statements are true about the ocean?

The salinity of the ocean water is the same everywhere.

The depth of the ocean floor varies.

The temperature of the ocean water is different depending on location.

The Gulf Stream travels mainly on the bottom of the ocean floor.

19

Directions: Click on each answer you want to select. You must select all the correct answers.

The basic motions of the ocean are —

trade winds

waves

hurricanes

tides

currents

Fast Swimmers	
Fish	Speed
Sailfish	60 miles per
Yellowfin Tuna	46 miles per
Bluefin Tuna	43 miles per
Flying Fish	40 miles per

What information can be learned from the chart?

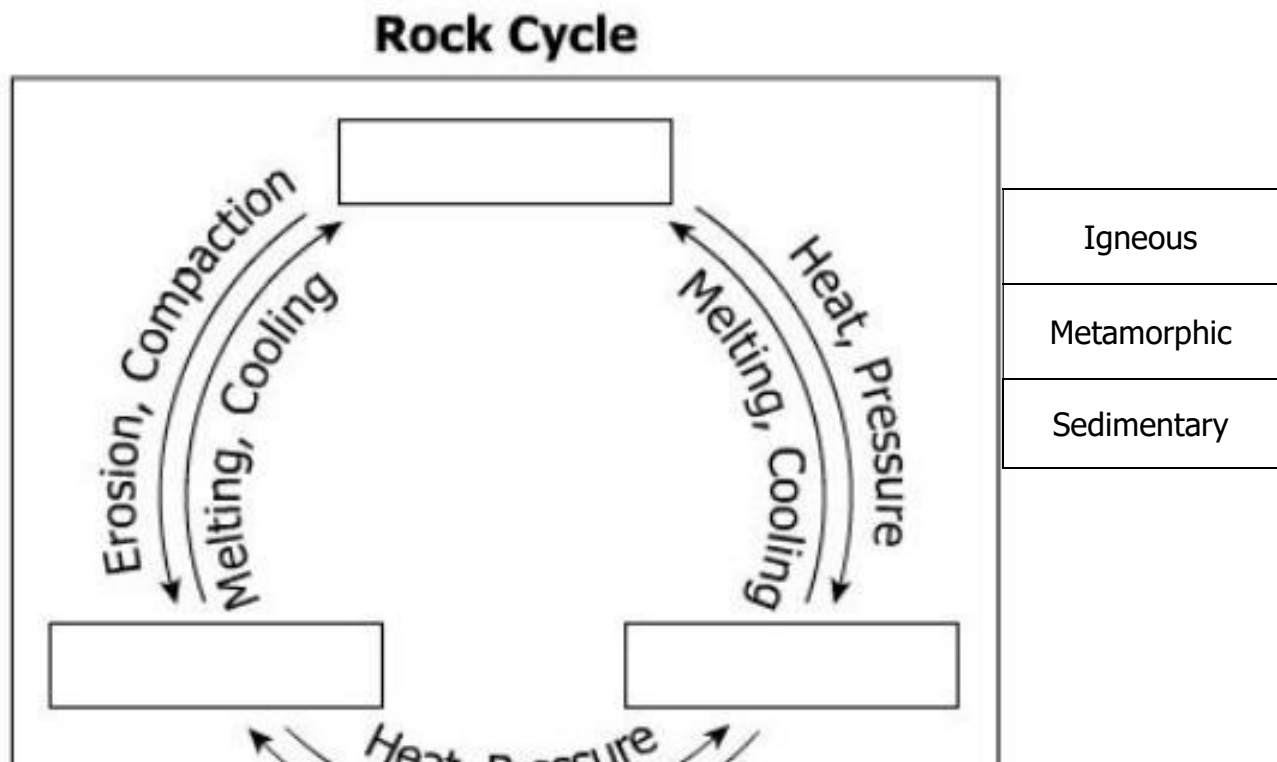
- A Yellowfin Tuna swim faster than Bluefin Tuna.
- B Bluefin Tuna swim faster than Yellowfin Tuna.
- C All tuna fish in the ocean swim slowly.
- D Yellowfin Tuna swim faster than Sailfish

21 A scientist wanted to send a camera to explore the deepest parts of the ocean. Which area of the ocean should the camera be sent?

- A) Continental shelf
- B) Continental rise
- C) Abyssal plain
- D) Ocean trench
- E) Continental slope

22 Directions: Click and drag the answers to the correct boxes.

Place the type of rock in the correct space.





The easiest way to mine for metals in the Earth's surface is to scrape away at the surface. This is called strip mining. How does strip mining negatively impact the environment?

- A It doesn't really effect the environment because wildlife can move right back in.
- B It takes away all plant and animal life leaving behind many pollutants.
- C It is a less expensive way for people to get to the metals they need.
- D It would allow people to build a large amphitheater for concerts.

EARTH'S LAYERS	
Layer	Approximate Thickness
Crust	8 kilometers
Mantle	3,000 kilometer
Outer Core	2,500 kilometer

A student is making a model of the Earth. He will use the following colors of clay: blue-crust, brown-mantle, yellow-outer core, red-inner core. Using the chart, what color clay will the student use the most?

- A Blue
- B Red
- C Brown
- D Yellow

25 What best explains the reason why geologists find most fossils in sedimentary rock?

- A) The fossils were pressed into the sedimentary rock by lava flows.
- B) The heat and pressure used to form the rock trapped the fossils.
- C) Only sedimentary rock was around when those organisms lived.
- D) Organisms were preserved in the rock when it built up over time.