

**Exam not valid for Paper Pencil Test Sessions**

1 Which **best** describes the part of the ocean called the continental shelf?

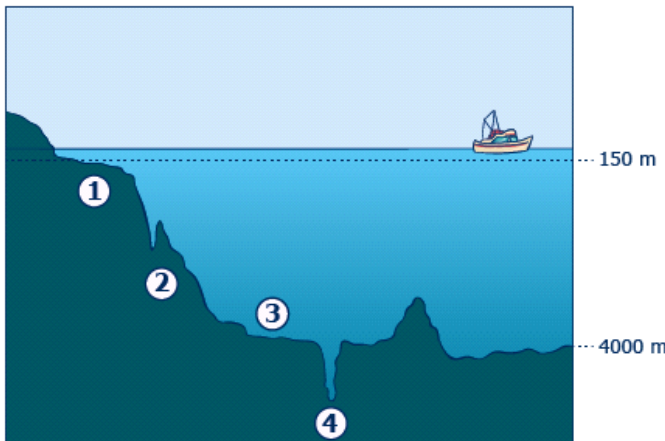
- A A flat underwater valley
- B A region with a higher water pressure
- C A shallow area of sediment near the shore
- D A region of mountains in the deep ocean

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

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

**What parts of the ocean are above 2000 meters?**



Continental shelf

Continental slope

Continental rise

Abyssal plain

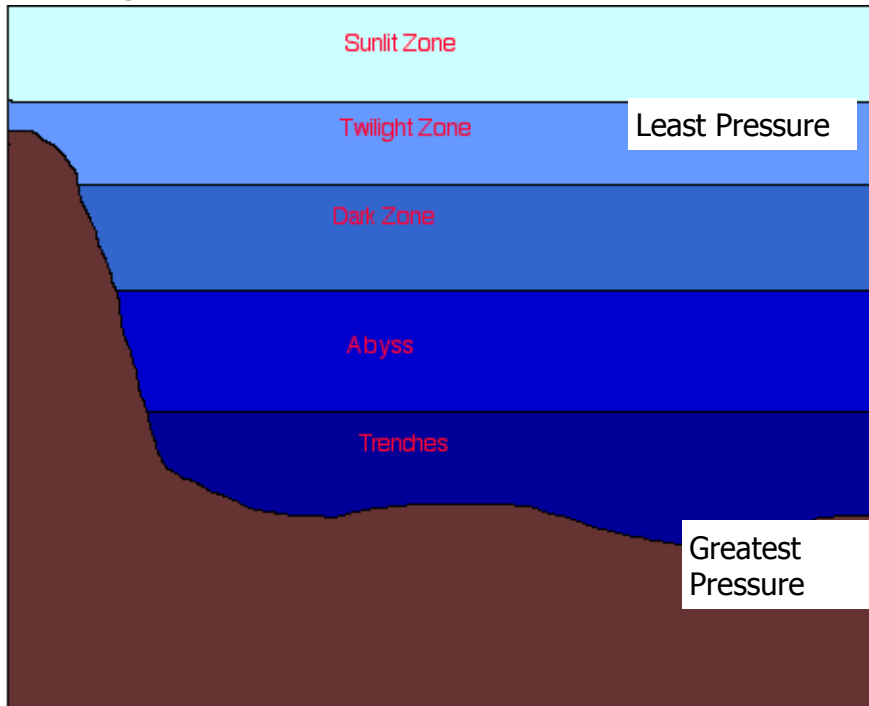
Ocean trench

4 **A geological feature in the ocean that is the most shallow is —**

- A an abyssal plain
- B a continental slope
- C a continental rise
- D an ocean trench
- E a continental shelf

5 Directions: Click and drag each item to the correct box.

**Identify the correct characteristic of each ocean zone.**



6 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 Gulf Stream travels mainly on the bottom of the ocean floor.
- ☐ The depth of the ocean floor varies.
- ☐ The temperature of the ocean water is different depending on location.

- 7 **Which phrase best describes salinity?**
- A Number of molecules of water in an area
  - B Amount of sand in water that is washed from the beaches
  - C Amount of water that is polluted
  - D Amount of salt in water
  - E Number of populations living in the water

- 8 **The tides are caused by...**
- A The sun and Mars
  - B The moon and the Earth
  - C The sun and the moon
  - D the moon and Mars

- 9 **A wave is...**
- A sediment at the bottom of the ocean
  - B the circular motion of energy
  - C a never-ending cycle of water towards the shore
  - D underwater current

- 10 Directions: Choose all correct answers.

**Phytoplankton produce most of the Earth's \_\_\_\_\_.**

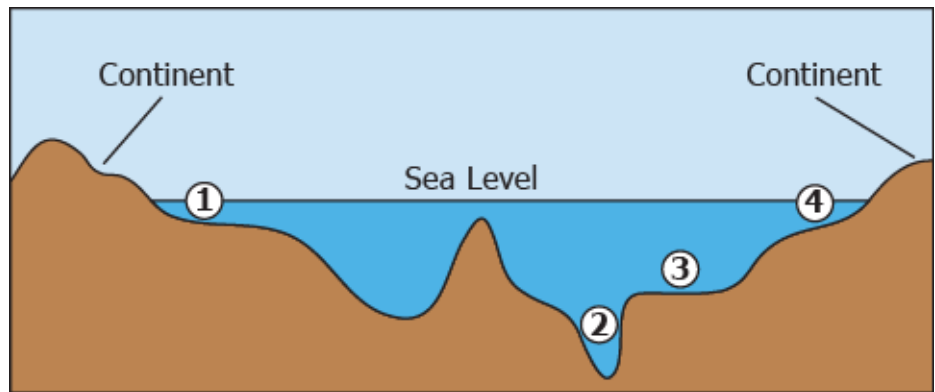
Carbon Dioxide

Oxygen

Electricity

Water

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

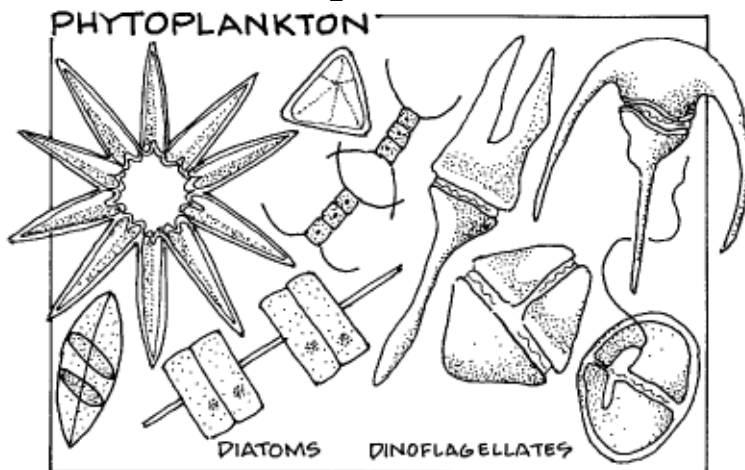


Which two numbers show where there are the greatest number of living organisms?

4
2
3
1

- 12 Directions: Choose all correct answers.

Which of the following describe the characteristics of Phytoplankton?



Phytoplankton provide food for Zooplankton.

Phytoplankton are microscopic animal-like plankton.

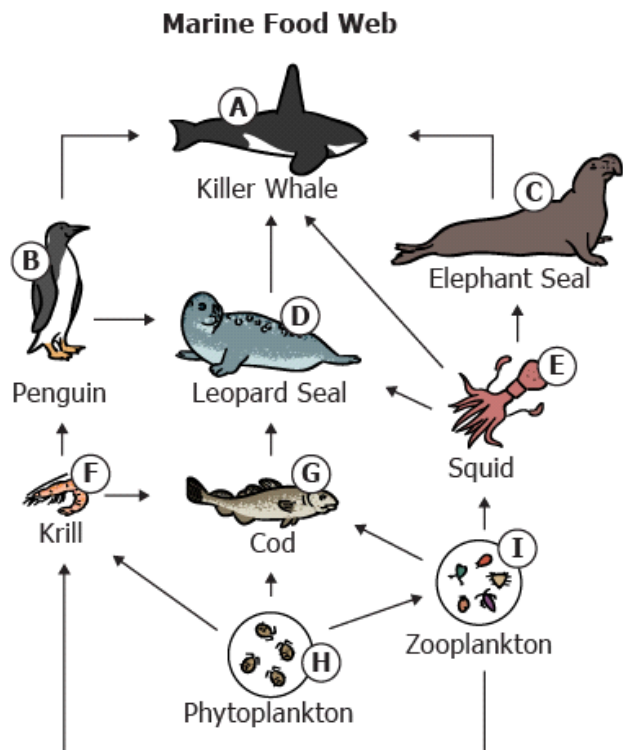
Phytoplankton photosynthesize their own food.

Phytoplankton live in the deepest part of the ocean.

Phytoplankton are consumers and must hunt for their food to survive.

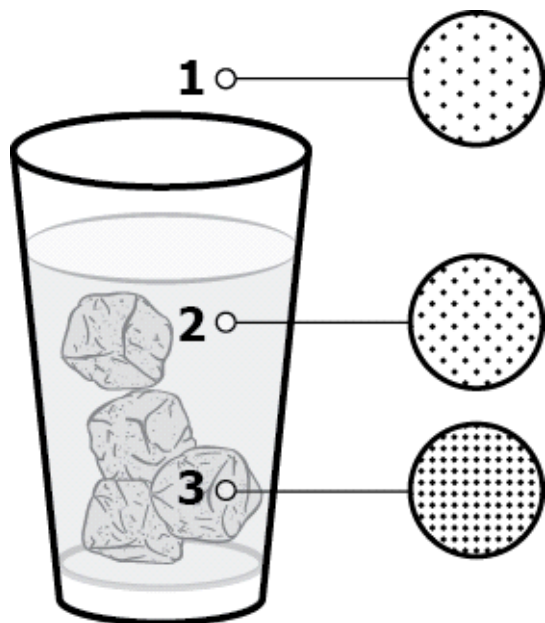
Phytoplankton produce approximately half of all the Oxygen in Earth's atmosphere.

13 Directions: Type your answer in the box.



**Which letter in the food web indicates the organism that is carrying out photosynthesis?**

14 **Which statement about the picture is true?**



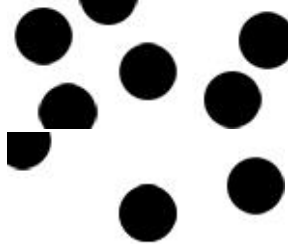
- A The particles at location 3 have the most space to move around.
- B Location 3 has particles that move past one another easier than location 1.
- C Location 1 particles have the least amount of space.
- D The particles at location 1 have more space than location 2.
- E The particles at location 2 have less space than location 3.

15 Which atoms are forming a liquid?

A all of them



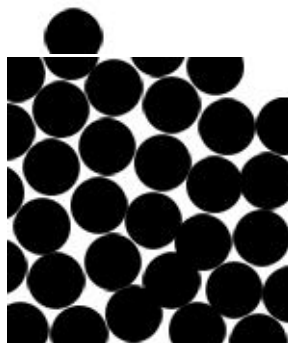
B



C



D



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

Which of the following examples shows the temperature affecting the phase of matter?

A puddle evaporates off the hot pavement

The hot shower creates steam on the bathroom mirror

An oven keeps a turkey hot until guests arrive

The heat of the dryer warms the clothes

A warm day melts the ice off of a deck

The heat of the stove thaws the soup

17 A man made pancakes for breakfast. What changed the liquid batter into solid pancakes?

A Time

B Syrup

C Butter

D Heat

18 **Heat moves from —**

- A lighter matter to darker matter
- B hotter matter to cooler matter
- C darker matter to lighter matter
- D cooler matter to hotter matter

19 **All of the following are considered liquids, but...**

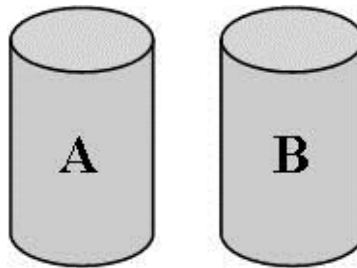
- A Coca-Cola
- B peanut butter
- C Kool-aid
- D water

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

**Identify each example that is an atom.**

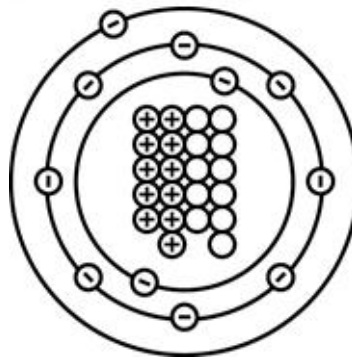
- ☐ The amount of oxygen in someone's blood
- ☐ One particle of sodium being examined using a microscope
- ☐ The amount of helium that can be put into a balloon
- ☐ One particle of carbon in the atmosphere

21



**One of these cylinders is made from aluminum, and the other is made from tin. They are the same size and shape, and they look identical. How should a student identify which cylinder is made from aluminum?**

- A Measure their weights
- B Touch their surfaces
- C Examine their appearances
- D Calculate their volumes



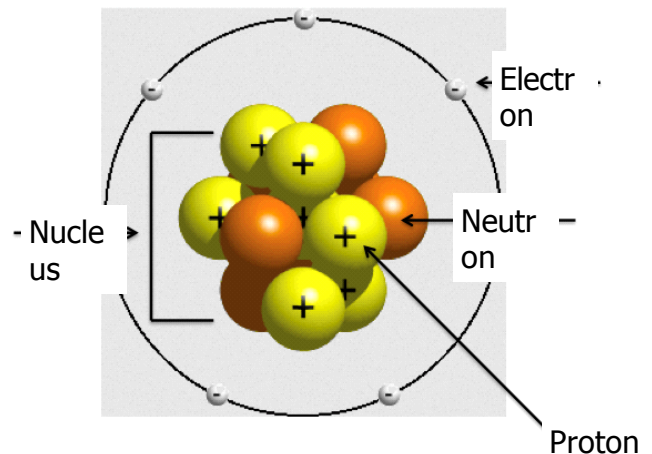
**This is a model of a Sodium atom. Sodium is —**

- A an element
- B a solution
- C a mixture
- D a compound

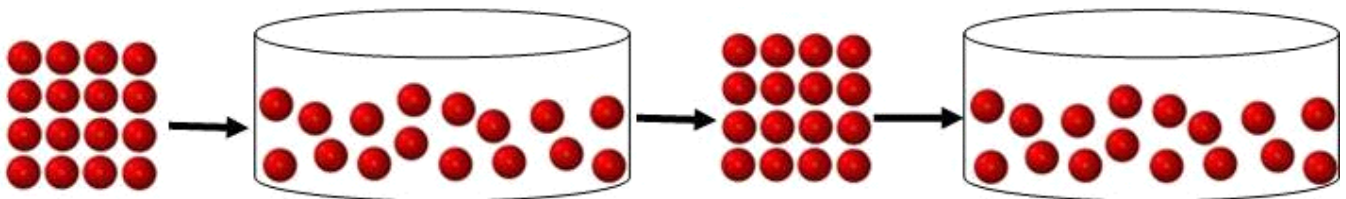
23

Click and drag the parts of the atom to the correct location in the diagram.

**Label each part of the atom.**



24



**This diagram shows two states of matter changing from one to another. Which states of matter and their changes are taking place?**

- A Gas to a liquid, liquid to a gas, gas to a liquid
- B Solid to a gas, gas to a solid, solid to a gas
- C Liquid to a gas, gas to a liquid, liquid to a gas
- D Solid to a liquid, liquid to a solid, solid to a liquid



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

**Which of the following are elements?**

Hydrogen

Carbon

Salt

Water

Oxygen