

أهداء/صفحة عاشق لغة الضاد
رضا نصار



جمهورية مصر العربية

Egyptian Knowledge Bank
بنك المعرفة المصري

وَأَرْسِلْنَاكَ اللَّهُمَّ
رَبِّ الْعَالَمِينَ

صفحة عاشق لغة الضاد
رضا نصار

صفحة تعليمية

5 صف Science

ترم 2

أهداء/صفحة عاشق لغة الضاد.. رضا نصار

<https://t.me/loghatadaad>

Hydrosphere and Biosphere Interactions: Summative Assessment

اسم التلميذ: _____

_____ is a part of the hydrosphere.

.1

- أ. Air
- ب. Water
- ج. Animals
- د. Rock

_____ are part of the biosphere.

.2

- أ. Rocks
- ب. Air
- ج. Ice
- د. Plants

Where can parts of the hydrosphere and biosphere be found?

.3

- أ. only in remote places
- ب. only in the ocean or sea
- ج. everywhere in the world
- د. only in the rain forest

Which of the following is an example of an interaction between the hydrosphere and the biosphere?

.4

- أ. water weathers rocks
- ب. a fish swims in water
- ج. water evaporates into the air
- د. a volcano erupts and sends gases into the atmosphere

Rivers, streams, ponds, lakes, marshes, estuaries, and oceans or seas are _____.

.5

- أ. ranges
- ب. land ecosystems
- ج. aquatic ecosystems
- د. human-made

ا. true

ب. false

Temperature, salinity, and currents are characteristics of an ____ ecosystem. These factors would determine what type of organisms can survive in it.

.7

ا. grassland

ب. desert

ج. estuary

د. tundra

____ is a water ecosystem with very deep salt water, very cold temperatures at the bottom layer, and rough currents.

.8

ا. The tundra

ب. An estuary

ج. A marsh

د. A sea

Which one is an example of a water ecosystem?

.9

ا. desert

ب. tundra

ج. grassland

د. marsh

Select three factors that determine which types of animals can survive in a certain aquatic environment.

.10

ا. physical adaptations to certain conditions

ب. what the animal prefers

ج. the environment maintaining the same basic conditions

د. the availability of food in the environment

عدد العناصر: 10

_____ is a part of the hydrosphere. .1

أ. Air

ب. Water

ج. Animals

د. Rock

_____ are part of the biosphere.

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ج. Ice

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- د. human-made

أعلى تسجيل: 1

نوع التسجيل: سجل-آلة

نوع العنصر: استجابة مختارة

D.O.K.: لا ينطبق

Without the hydrosphere, the biosphere would not exist. .6

أ. true

ب. false

Temperature, salinity, and currents are characteristics of an _____ ecosystem.

These factors would determine what type of organisms can survive in it.

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Which one is an example of a water ecosystem? 9

- أ. desert
- ب. tundra
- ج. grassland
- د. marsh

10. Select three factors that determine which types of animals can survive in a certain aquatic environment.

أ. physical adaptations to certain conditions

ب. what the animal prefers

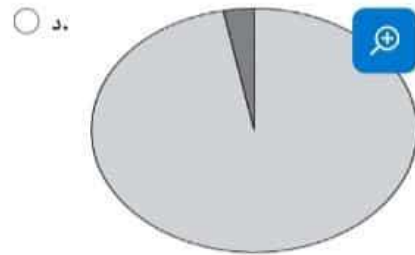
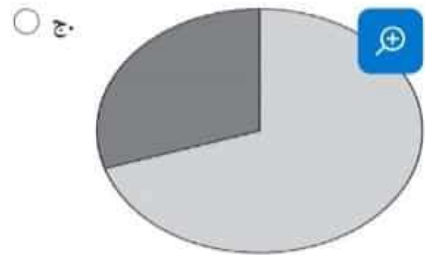
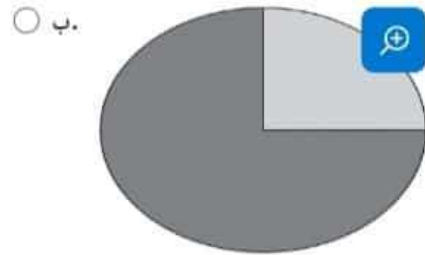
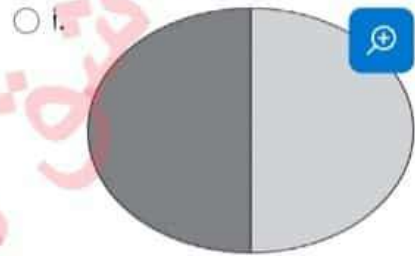
ج. the environment maintaining the same basic conditions

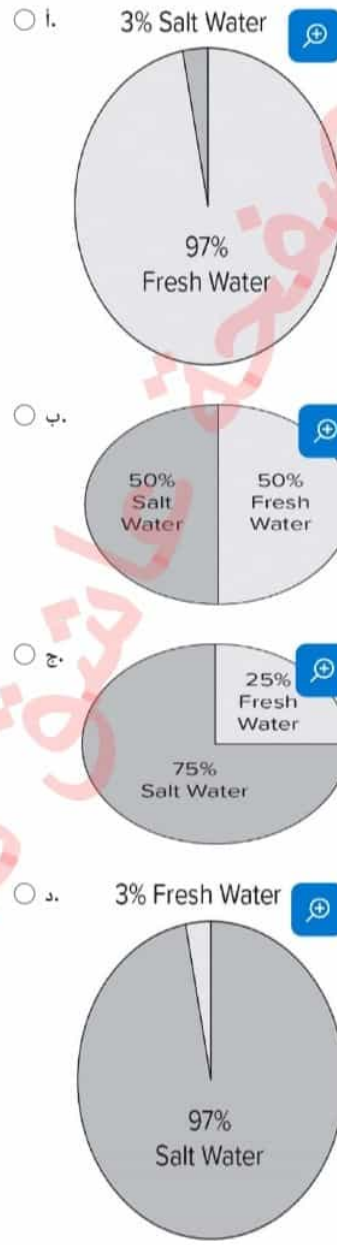
د. the availability of food in the environment

Water as a Valuable Natural Resource: Summative Assessment

اسم التلميذ: _____

1. Amany made four sets of circle graphs about water, but she forgot to label them. Which graph represents how much of Earth is covered by water?





Fresh water areas include which of the following?

.3

- ا. oceans or seas, ponds, and streams
- ب. rivers, lakes, and streams
- ج. estuaries, oceans or seas, and lakes
- د. wetlands, oceans or seas, and ponds

What type of water must be in a large, low basin to make it a sea?

.4

- ا. blue
- ب. fresh
- ج. salt
- د. mixed salt and fresh

Humans get ____ from reservoirs, rivers, lakes, and groundwater.

.5

- ا. oxygen
- ب. seaweed
- ج. saltwater
- د. freshwater

A watershed is a region where all of the water in that area ____.

.6

- ا. is in the same country
- ب. has the same soil
- ج. drives the wind speed and direction
- د. drains into a common body of water

In a watershed, what happens to a body of water upstream also affects what happens to bodies of water downstream.

.7

- ا. true
- ب. false

What is most of the water on Earth?

.8

- ا. salt water found in oceans or seas
- ب. a mix of fresh water and salt water found in estuaries
- ج. fresh water found underground
- د. fresh water found in lakes

Which natural resource is essential to the survival of all living organisms?

.9

- ا. grass
- ب. soil
- ج. water
- د. oil

Which of the following types of information is more important to an aquatic biologist who is trying to assess the health of a body of water?

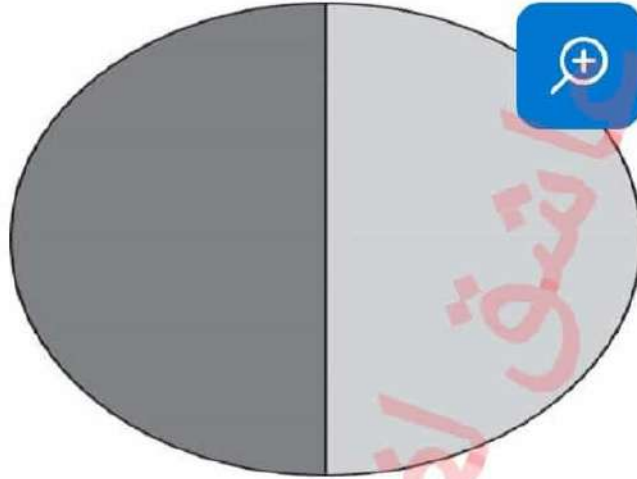
- ا. how many animals are living in the water
- ب. what kinds of animals are living in the water

Amany made four sets of circle graphs .1

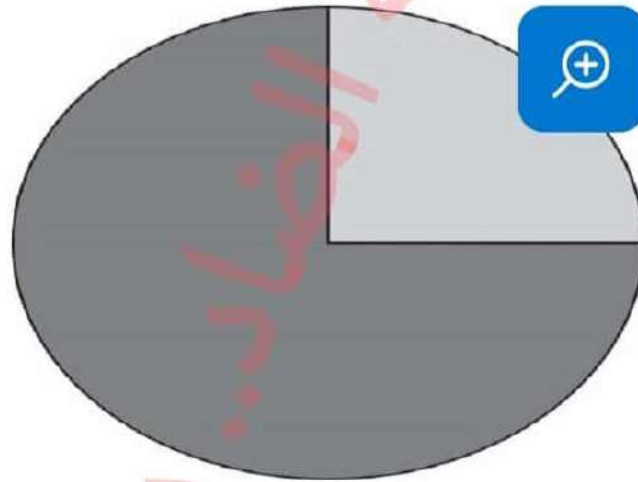
about water, but she forgot to label them.

Which graph represents how much of Earth is covered by water?

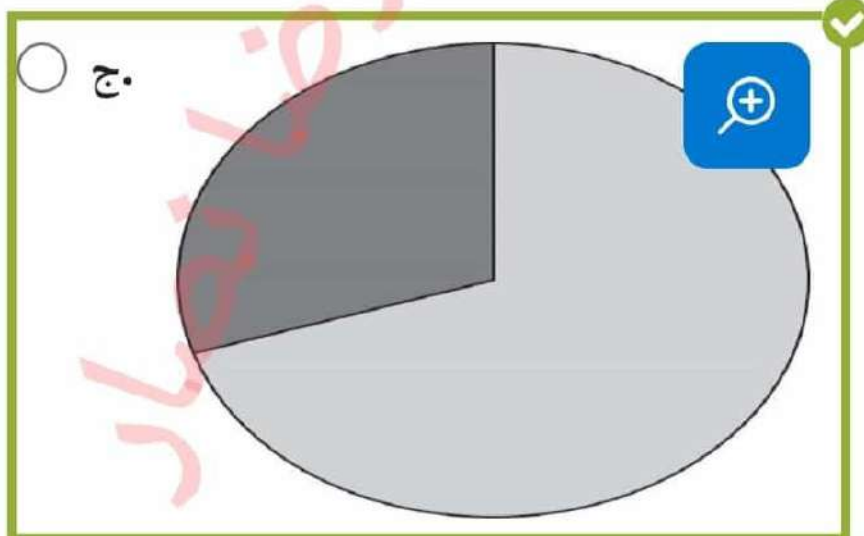
أ.



ب.



ج.



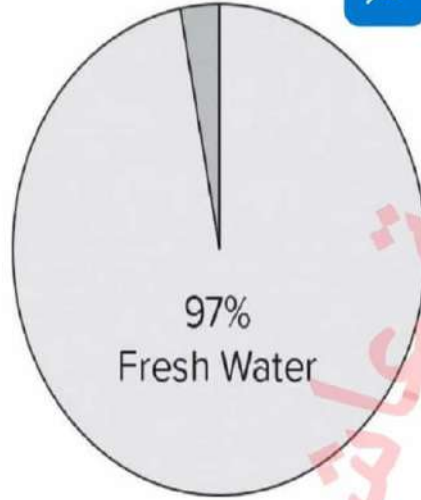
د.



Which graph represents how much water on Earth is fresh water versus salt water? .2

i.

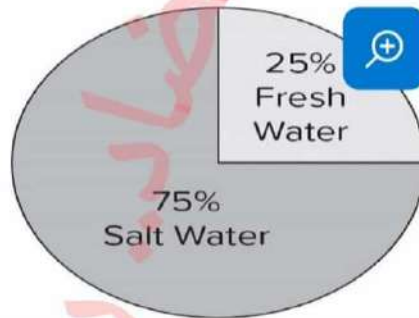
3% Salt Water



ب.

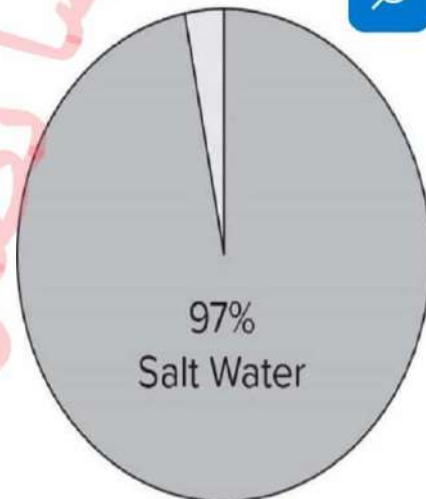


ج.



د.

3% Fresh Water



3. Fresh water areas include which of the following?

أ. oceans or seas, ponds, and streams

ب. rivers, lakes, and streams

ج. estuaries, oceans or seas, and lakes

د. wetlands, oceans or seas, and ponds

What type of water must be in a large, low basin to make it a sea? .4

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- ج. salt
- د. mixed salt and fresh

Humans get _____ from reservoirs, rivers, lakes, and groundwater. .5

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- ب. seaweed
- ج. saltwater

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Which of the following types of information .10 is more important to an aquatic biologist who is trying to assess the health of a body of water?

أ. how many animals are living in the water

ب. what kinds of animals are living in the water

Effects of Gravity: Summative Assessment

اسم التلميذ:

1. Read the descriptions that follow and choose the three examples that best demonstrate how the force of gravity pulls objects toward the center of Earth.

- أ. A man rides an escalator up to the main floor of a building.
- ب. A girl throws a ball up in the air and watches it fall to the ground.
- ج. A pencil rolls off a table and drops onto the floor.
- د. A plane flies in the air.
- ه. A skydiver jumps out of an airplane.

2. When you look at the sky, you can see a number of different objects. Some of them are in the solar system, orbiting the sun. Others are orbiting Earth as Earth goes around the sun. We can even see some objects that are outside of the solar system. Classify each object in the word bank by writing it under the column that best describes its location.

Jupiter

Venus

Earth

the moon

Orbits the
Sun

Orbits Earth

--

--

3. Which force allows a basketball to fall into the basketball hoop?

- أ. air resistance
- ب. friction
- ج. gravity
- د. motion

4. Hossam weighs 50 kg on Earth. His friend tells him he will only weigh 8.4 kg on the moon. Why would Hossam's weight change?

- أ. Earth has a stronger gravitational pull on Hossam.
- ب. Hossam's weight would not change. His friend is incorrect.
- ج. Earth has a stronger magnetic field.
- د. The moon is larger and has more gravity than Earth.

Gravity is a very important force in the solar system. Write the solar system objects listed in the word bank in order from least to most gravity across the four columns. .5

the moon ⋮	Earth ⋮	Jupiter ⋮	the sun ⋮
Least Amount of Gravity			Greatest Amount of Gravity

Look at the objects listed. Rate them from 1 to 5 by the amount of gravitational force they exert, with 1 being the least and 5 being the greatest. .6

1 ⋮	2 ⋮	3 ⋮	4 ⋮	5 ⋮	
					bowling ball <input type="checkbox"/>
					the moon <input type="checkbox"/>
					the sun <input type="checkbox"/>
					truck <input type="checkbox"/>
					Earth <input type="checkbox"/>

Select the statement below that most correctly describes gravity. .7

- أ. Gravity exists on Earth only.
- ب. Gravity pulls objects.
- ج. Gravity happens only when two objects touch.
- د. Gravity affects only one object.

Read each situation. Determine which objects will change direction because of gravity. Drag each situation provided in the column that best describes it. 8

A ball is slid across a table.

:::

A ball is thrown across a room.

:::

A ball is rolled across the ground.

:::

An apple is tossed up into the air.

:::

A paper airplane is thrown through the air.

:::

Gravity Will Cause a Direction Change

Gravity Will Not Cause a Direction Change

What does air resistance do to the speed of an object as it falls downward due to gravity? 9

- أ. Air resistance speeds up an object as it falls.
- ب. Air resistance does not affect the speed of an object as it falls.
- ج. Air resistance slows an object as it falls.
- د. Air resistance changes the direction of an object as it falls.

1. Read the descriptions that follow and choose the three examples that best demonstrate how the force of gravity pulls objects toward the center of Earth.

أ. A man rides an escalator up to the main floor of a building.

ب. A girl throws a ball up in the air and watches it fall to the ground.

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د. A plane flies in the air.

ه. A skydiver jumps out of an airplane.

When you look at the sky, you can see a .2
number of different objects. Some of them
are in the solar system, orbiting the sun.
Others are orbiting Earth as Earth goes
around the sun. We can even see some
objects that are outside of the solar
system. Classify each object in the word
bank by writing it under the column that
best describes its location.

**Orbits the
Sun**

Orbits Earth

Jupiter
✓

the moon
✓

Venus
✓

Earth
✓

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truck

2

Earth

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Patterns of Motion in the Sky: Summative Assessment

اسم التلميذ:

Earth ____ the sun.

.1

- ا. orbits around
- ب. rotates around
- ج. revolves around
- د. stays in a fixed position away from

Which of the following properly describes the word *axis* as it applies to Earth?

.2

- ا. an imaginary line that circles an object
- ب. an imaginary line that outlines an object
- ج. an imaginary line that divides an object into unequal parts
- د. an imaginary line that runs through the center of an object

What causes day and night?

.3

- ا. orbit
- ب. rotation
- ج. tilt
- د. wobble

Earth completes one rotation per ____ and orbits the sun once every ____.

.4

- ا. day and month
- ب. month and year
- ج. day and year
- د. week and year

The amount of daylight is shorter in the winter than in the summer. What causes this change of daylight from season to season?

.5

- ا. Earth's tilt
- ب. the sun's orbit changes
- ج. the sun's distance from Earth
- د. Earth's path around the sun changes

Which two (2) factors are responsible for the sun appearing to travel in different paths at slightly different speeds throughout the year? .6

- أ. orbit and rotation
- ب. orbit and tilt
- ج. rotation and gravity
- د. orbit and gravity

A constellation is a _____. .7

- أ. star in the center of a galaxy
- ب. large star
- ج. group of stars that looks like a certain shape in the sky
- د. bright star

Which pattern is responsible for the changing phases of the moon? .8

- أ. The sun orbits the moon.
- ب. The moon orbits the sun.
- ج. Earth orbits the moon.
- د. The moon orbits Earth.

Earth rotates once on its axis every ____ hours. .9

- أ. 8
- ب. 12
- ج. 16
- د. 24

Which three (3) of the following would you be likely to learn about at a planetarium? .10

- أ. why constellations appear to change throughout the year
- ب. animals in the rain forest
- ج. the movement of planets in the solar system
- د. the different phases of the moon
- ه. how a wave forms on the sea

Earth _____ the sun.

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Earth completes one rotation per _____ and _____ .4
orbits the sun once every _____.

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د. the different phases of the moon

هـ. how a wave forms on the sea

Ideas

اسم التلميذ:

1. Write some core ideas you have learned. Specifically, why is it important to conserve water?

عرض معايير التقييم

Review

اسم التلميذ:

1. Write about the effects of the sun's heat and light on Earth. Include in your explanation what you have learned about stars and the types of instruments used to study objects in space.

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عرض معايير التقييم

Human Sundial

اسم التلميذ:

1. Sketch your plan for your human sundial.



عرض معايير التقييم

Think About the Activity: Part 1

اسم التلميذ: _____

1. Write or draw your answers to the questions in the chart.

What Worked	What Did Not Work	What Could Work Better?

عرض معايير التقييم

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