**Consumers and Decomposers**

Multiple Choice

1. Recall the correct term for the following definition:

"An animal that only eats plants."

1. Herbivore
2. Producers
3. Carnivore
4. Bacteria
5. Recall the correct term for the following definition:

"An animal that only eats other animals."

1. Protist
2. Omnivore
3. Carnivore
4. Producer
5. Recall the correct term for the following definition:

"An animal that eats both plants and other animals."

1. Herbivore
2. Omnivore
3. Carnivore
4. Producer
5. Define what a consumer is.
6. An organism that eats other organism
7. A robotic that eats metal.
8. An organism that produces its own food.
9. An organism that does not eat food.
10. Identify the order of the consumer below:

Lions eat young leopards. Leopards are second order consumers.

Lions are. . .

1. Producers
2. Second order consumers
3. Third order consumers
4. First order consumers
5. Identify the order of the consumer below:

Sharks eat octopuses. Octopuses are second order consumers.

Sharks are. . .

1. Third order consumers
2. Second order consumers
3. First order consumers
4. Producers
5. Identify the order of the consumer below:

Cougars eat bobcats. Bobcats are second order consumers.

Cougars are. . .

1. First order consumers
2. Producers
3. Second order consumers
4. Third order consumers
5. Identify the order of the consumer below:

Octopuses eat hermit crabs. Hermit crabs are first order consumers.

Octopuses are. . .

1. Second order consumers
2. First order consumers
3. Third order consumers
4. Producers
5. Identify the order of the consumer below:

Leopards eat giraffes. Giraffes are first order consumers.

Leopards are. .

1. Producers
2. Second order consumers
3. Third order consumers
4. First order consumers
5. Identify the order of the organism below:

Trees gain energy from the sun through photosynthesis.

Trees are. . .

1. First order consumers
2. Producers
3. Second order consumers
4. Third order consumers
5. Identify which of these organisms undergo respiration.

Select ALL correct options

1. Fungi
2. Bacteria
3. Plants
4. Animals
5. Identify where respiration takes place in your body.
6. In the cell nucleus
7. In the space between the cells
8. Inside mitochondria
9. Inside chloroplasts
10. In the process of respiration, glucose (sugar) is "burned" in oxygen.

Identify which of the following are products of this reaction.

Select ALL correct options

1. Water
2. Carbon dioxide
3. Nitrous oxide
4. Oxygen
5. Interpret why respiration is sometimes called the opposite of photosynthesis.
6. Photosynthesis only occurs in plant cells and respiration only occurs in animal cells.
7. Photosynthesis absorbs sunlight, whereas respiration produces it and lights up the Earth.
8. The overall chemical equation for respiration looks like the equation for photosynthesis, only reversed.
9. Here is the incomplete chemical equation showing how respiration works:

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Identify the missing part of the equation.

1. Water
2. Carbon dioxide
3. Sulfuric acid
4. Glucose
5. State what happens to an organism after it dies.
6. It comes back to life.
7. It is reincarnated.
8. It exits the ecosystem,
9. It is decomposed.
10. Identify what do we call an organism that feeds on the waste products of other organisms.
11. Herbivore
12. Carnivore
13. Detrivore
14. Omnivore
15. Decomposers are organisms that break down dead matter and recycle the nutrients it contains.

Identify which of these organisms are examples of decomposers.

Select ALL correct options

1. Plants
2. Gnomes
3. Animals
4. Bacteria

Short Answer

1. **Distinguish between first, second and third order consumers. Provide some examples of each type.**
2. Tigers are amazing animals. Did you know that they are the largest species of cat, and can swim up to 6 kilometres?

**Do some research to learn more about these animals. Try to answer the questions below based on what you find:**

**1. What do tigers eat - are they carnivores, herbivores or omnivores?**

**2. What other animals do tigers compete with for food?**