

Name _____ Bell _____ Date _____

Quarter 1 Exam Review: Ecosystems

1 Photosynthesis

- a. Occurs in the _____ of the plant cell
- b. Chemical equation in words
- c. Chemical equation with chemical formulas

2 Cellular Respiration

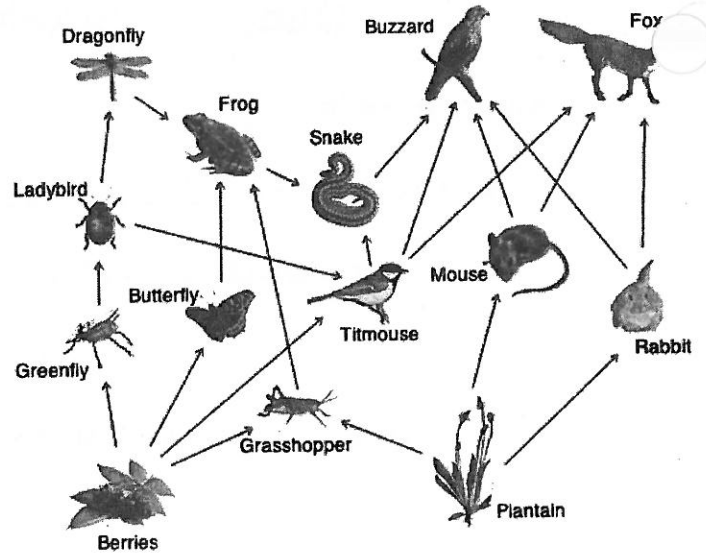
- a. Takes place in the _____ of a cell
- b. Happens in: Plants Animals Both Neither
- c. Similar to photosynthesis because.... _____

- d. Different from photosynthesis because... _____

3 Ecosystems

- a. The energy pyramid shows how energy is transferred in an ecosystem. Explain why the populations of organisms decrease as you move up the pyramid.

- b. In the following food web, identify 5 consumers and describe how they get energy (by eating what animals). Then, tell whether they are an herbivore, carnivore, or omnivore.



4 Biomes

- a. List the following four biomes in the order you would find them traveling from the equator to the poles. Write one characteristic for each biome.

Desert

Taiga

Tundra

Tropical Rainforest

- b. List the following five biomes in the order by the amount of precipitation they receive, starting with the least and ending with the most. Write one characteristic for each biome (that you did not write for part a).

Desert

Taiga

Grassland

Tundra

Tropical Rainforest