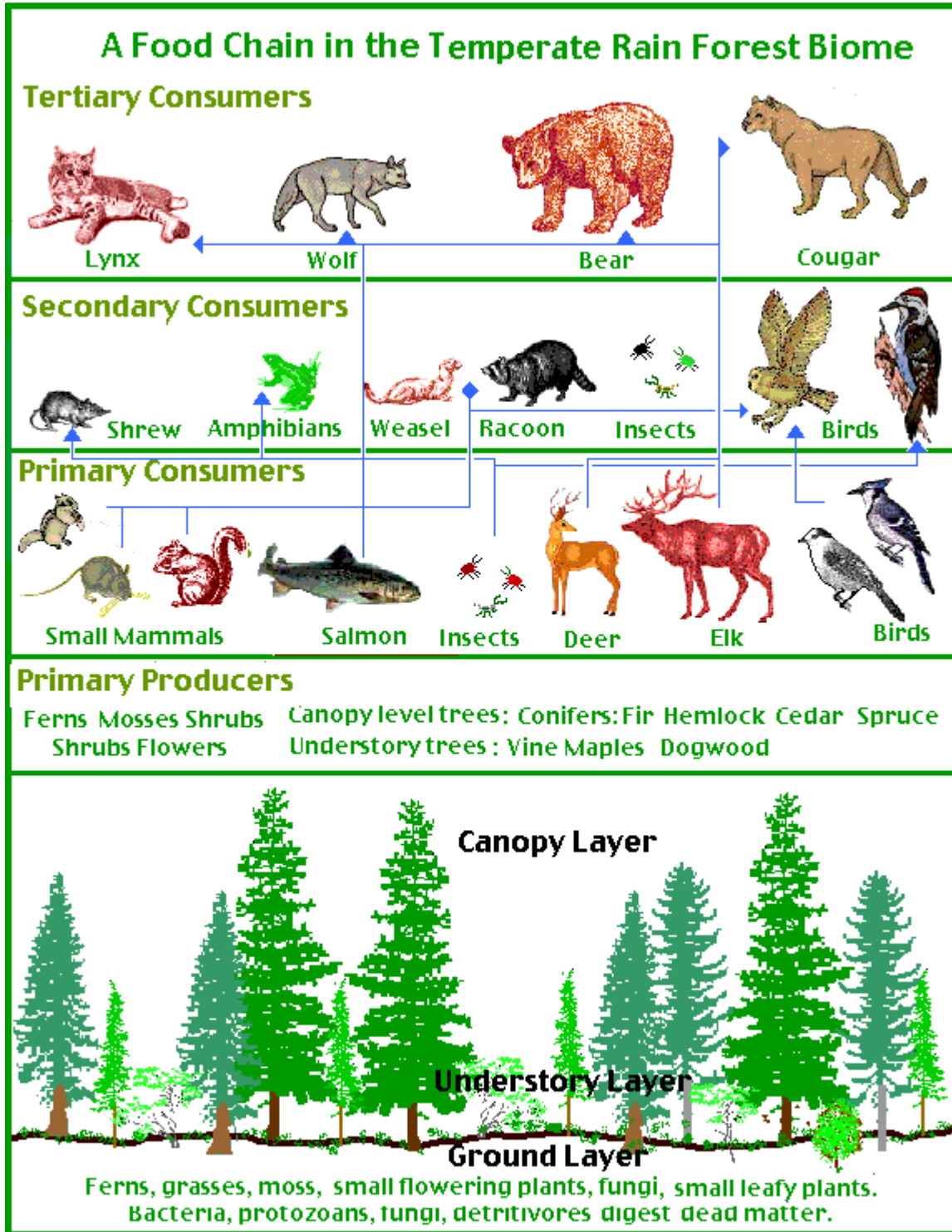


Name: _____

Pd: _____ Date: _____

Science 9

Energy Flows in one direction through Ecosystems



Watch Crash Course Kids Video: Food Chains: <https://www.youtube.com/watch?v=CZhE2p46vJk>

Create a food chain that has: one producer, one primary consumer, one secondary consumer, one tertiary consumer, and a decomposer

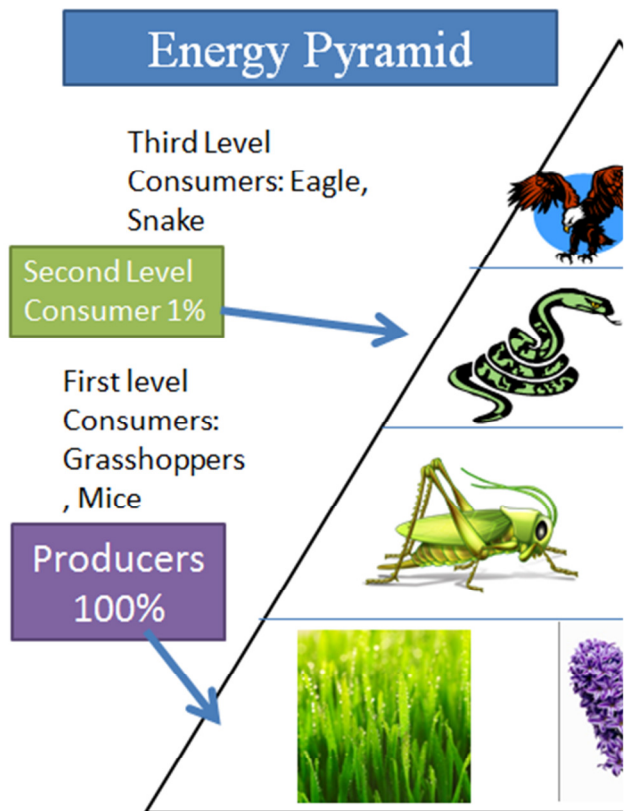
In your food chain identify the:

Type of "eater"	Example:
Herbivore (_____)	
Omnivore (_____)	
Carnivore (_____)	

Compare your "chain" with your neighbour's "chain", if you put them together you would have a _____. A food chain is one "**LINE**" in a food web.

How is a food web different from a food chain?

An energy pyramid and its shape is used to show how energy is transferred to the different levels of organisms in an ecosystem. It is often explained by the _____. The 10% rule is how much energy is transferred. The organism that eats the organism would only get 10% of the organisms energy. For example, if an eagle eats a snake, the snake would only get 10% of the energy the snake originally had.



Why is it that only 10% of the energy is transferred to the next level?

- 1.
- 2.
- 3.