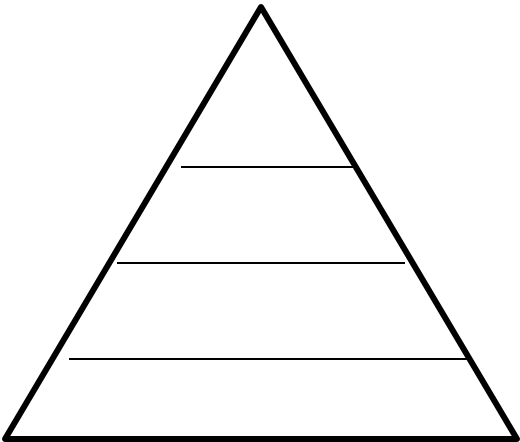
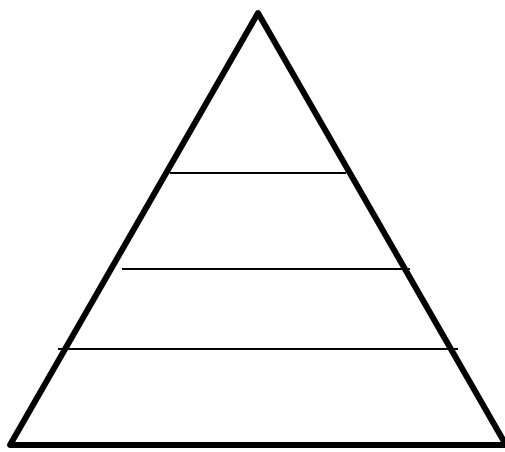
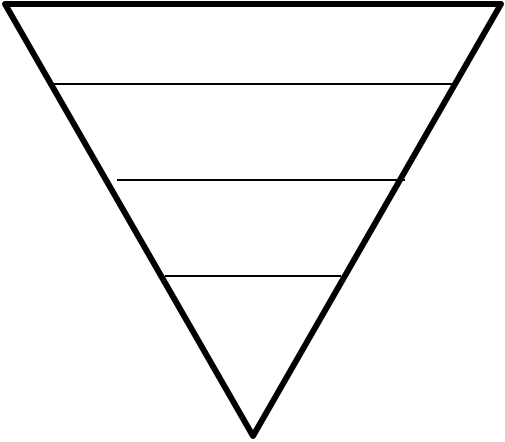
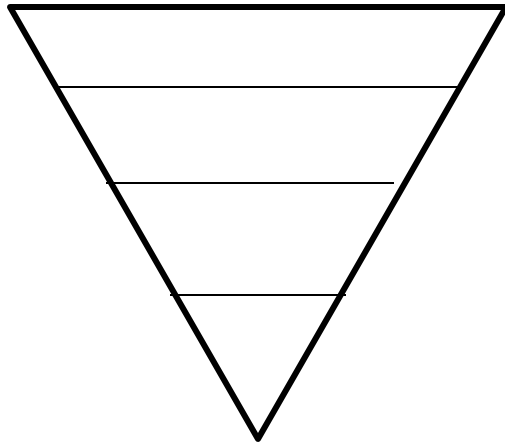


Bio-magnification Simulation Activity

1. Place the name of the organisms in the triangle, below, according to their order in the food chain. Then, write the number of energy beans on the appropriate trophic level:



2. Place the name of the organisms in the triangle, below, according to their order in the food chain. Then, write the number of DDT beans on the appropriate trophic level:

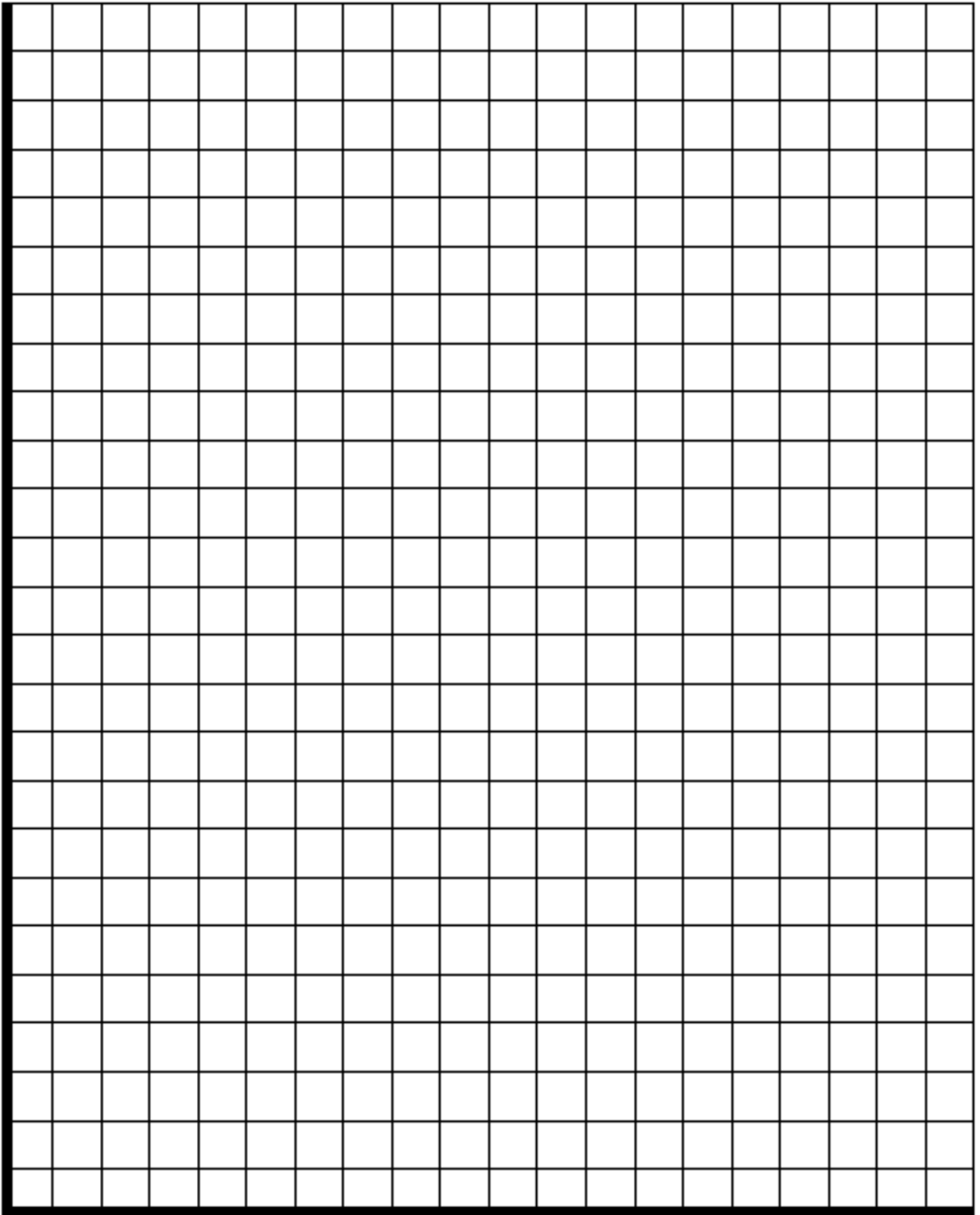


3. Explain the relationship between energy and DDT as they travel through the food chain:

Energy “Beans” and “DDT” Beans in an Ecosystem

Number of Energy Beans

Number of DDT Beans



Plankton

Herring

Salmon

Bald Eagle

Organisms