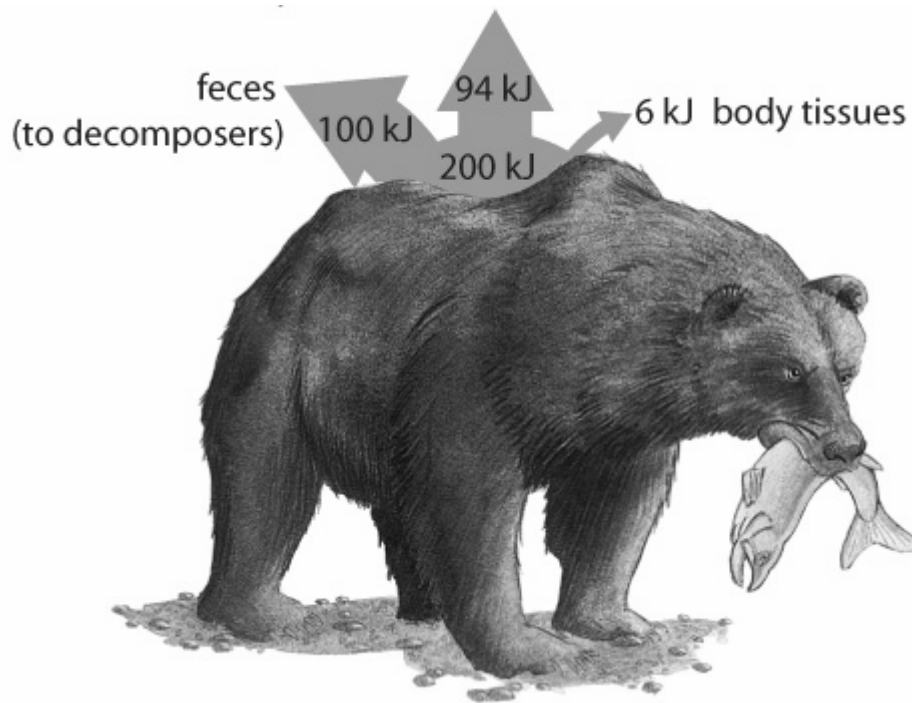


Grizzly Bear: Energy Transfer

A grizzly bear transfers energy to waste products and to the environment, as heat, during cellular respiration. Although the energy values are estimates, very little energy (6 kJ) is transferred to the bear for growth and maintenance. Cellular respiration enables the bear to access the energy content in food so that it can roam, hunt, gather berries, stay warm, reproduce, and survive the winter.