Option 7: Compare and Contrast Review

Name

Use the outer boxes for differences and the inner box for similarities. For the survivorship types (page 3), use the last box for similarities among all three. Remember to include important characteristics of each, not definitions.

Positive feedback loops	**Similarities**	**Negative feedback loop**
Primary pollutants	**Similarities**	**Secondary pollutants**
Dependent variables	**Similarities**	**Independent variables**
Open systems	**Similarities**	**Closed systems**

First Law of Thermodynamics	**Similarities**	**Second Law of Thermodynamics**
GPP	**Similarities**	**NPP**
Oligotrophic lakes	**Similarities**	**Eutrophic lakes**
Species richness	**Similarities**	**Species evenness**
Allopatric speciation	**Similarities**	**Sympatric speciation**

Density-dependent limiting factors	Similarities	Density-independent limiting factors

Exponential population growth	Similarities	Logistic population growth

K-selected species	Similarities	r-selected species

Type I survivorship	Type II survivorship	Type III survivorship	Similarities

Primary succession	Similarities	Secondary succession

Weathering	**Similarities**	**Erosion**
Confined aquifers	**Similarities**	**Unconfined aquifers**
Tropospheric ozone	**Similarities**	**Stratospheric ozone**
Open-loop recycling	**Similarities**	**Closed-loop recycling**
Kyoto Protocol	**Similarities**	**Montreal Protocol**