Date: _	Name:
	Energy Flow in Ecosystems
1.	a) How much of the energy reaching Earth is absorbed and converted to chemical energy by the process of photosynthesis?
	b) Where does the other energy go?
2. Wha	at energy-rich substance is produced by green plants during photosynthesis?
з. ЕхрІ	lain how you know plants contain energy-rich substances?
	ats do not just use photosynthesis to make sugars for energy storage. Identify other kinds of uses plants have se substances.
5. How	are photosynthesis and cell respiration related?
6.	a) What chemical process(es) do producers and consumers share?
	b) What chemical process(es) do they not share?
6. List	five foods that contain the high-energy products of photosynthesis.
7. Expl	lain why plants use oxygen and perform cell respiration just like animals.
	nals are unable to make their own energy, yet you obtain energy when you eat animal food products. Explain is illustrates the flow of energy through an ecosystem.
9. Des	cribe how plants can perform cell respiration at night when they perform photosynthesis only during the day.