	The Maruzian Ecosystem
	It was a morniot day! The Jub Jub birds dubbed by and landed blurmly on the Tum
T	um trees- their favorite place to eat and zipen. Off in the distance, they could see the
Zı	woks lurfting. The Jub Jubs were not serbied because the Zwoks were their friends.
TI	ne Zwoks were coming to pibbie the fruit of the Tum Tums. As the Zwoks gurgkly sat in
tł	e shade of the Tum Tums - repping their furry faces - a Sticky Bear fizeted out of a
ne	carby kinzness. The Zwoks took careful notice. Although they would share the fruit wit
tŀ	e Sticky Bear, it was known that the Sticky Bears, besides jibbing Tum Tums, enjoyed
bo	by Zwoks for lunch! Suddenly, out of nowhere a ziffer Wackyjobber leaped! From its
to	rmortion came a bad smelling vapor. Its waffert jaws opened wide and its ferocious
fc	a rgees gleamed in the sunlight. The Wackyjobber grabbed the Sticky Bear, and in a flas
it:	s gippit head was gone. Without a moment's hesitation, the Zwoks reacted. Purfing up
st	ones, they called to the Jub Jub birds. "Lift us up, above the Wackyjobber!" On teppe
Wi	ngs, the Jub Jubs molfly lifted the Zwoks, who then mizzed the stones, killing the
ve	zured Wackyjobber. As the day ended, the Toolies came by and ate most of the
W	ackyjobber. In a month, the impture Coll would slibly decay the rest. Nothing would be
le	ft under the Tum Tum trees except the grave marker of the giffent Sticky Bear that
re	ad, "The Sticky Bear's energy lives on!"

Directions: Reread the story below and identify the part of speech (n, v, adv, adj) in the parenthesis. Then, substitute all the made up words with real words on the lines below each term.

Parts of Speech

- (n) noun person, place, thing, idea
- (pn) proper nouns specific noun
- (v) verb action
- (adj) adjective describes a noun
- (adv) adverb describes a verb (often ends in "-ly")

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Energy Roles in the Maruzian Ecosystem

(1 pt.) What kind of relationship did the Zwoks have with the Jub Jubs?
(1 pt.) What did the Zwoks eat?
(1 pt.) What did the Sticky Bears eat?
(1 pt.) What did the Wackyjobber eat?
(2 pts) What was the producer in the story?
(4 pts) List the five consumers in the story,,
(2 pts) What were the herbivores in the story?, and
(2 pts) What was the carnivore in the story?
(2 pts) What was the scavenger in the story?
(2 pts) What was the omnivore in the story?
(2 pts) What was the decomposer in the story?
(4 pts) Make a food chain that includes four organisms described in the story.
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(1 pts) If there were too many Wackyjobbers in this land, what would happen to each of the other living things?

***** Maruzian Ecosystem Energy Pyramid *************** In the triangle below, design an energy pyramid that accurately shows the four different feeding levels in the Maruzian Ecosystem. You should draw and label each of the following characters from the story in the appropriate level: Tum Tum trees, Jub Jub birds, Zwoks, Sticky Bears, and Wackyjobber. Remember, in an energy pyramid the most energy is available at the producer level of the pyramid, so this is the widest part of the triangle. As you move up the pyramid, each level has less energy available.