	Biol-1,	C. Briggs,	Lecture Quiz 1,	ver 8.14 (1r	ot each,	unless note	ď
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Name on back →

1. Some of the criteria below are used for deciding whether something is alive. Please cross out the five that should NOT be used. 5pts

Requires oxygen for breathing
Can use energy
Attains consciousness
Can maintain a stable internal environment
Can respond to environment
Consumes other living things

Can move
Is composed of a cell or cells
Contains DNA or RNA
Has an organized form
Is large enough to see without specialized instruments
Reproduces through sexual and/or asexual reproduction

2. Your friend is interested in testing whether exposing plants to music will affect their growth. He proposes place	cing a
tomato plant near a radio and counting how many tomatoes are produced.	

- (a) What critical experimental group is your friend missing? The _____ group.
- (b) What type of plant should your friend use for this group?
- (c) How should your friend measure this group's growth?
- (d) What should be different about this group, compared to the group getting the music?
- (e) What does information from this critical group allow your friend to do?