

Vocabulary Development and Concept Maps

Directions: For each trio of words below, construct ONE concrete sentence that demonstrates your understanding of ALL THREE WORDS. All three words in the sentence must be used correctly.

1. Ecology, niche, biotic factor

2. Biosphere, abiotic factor, ecosystem

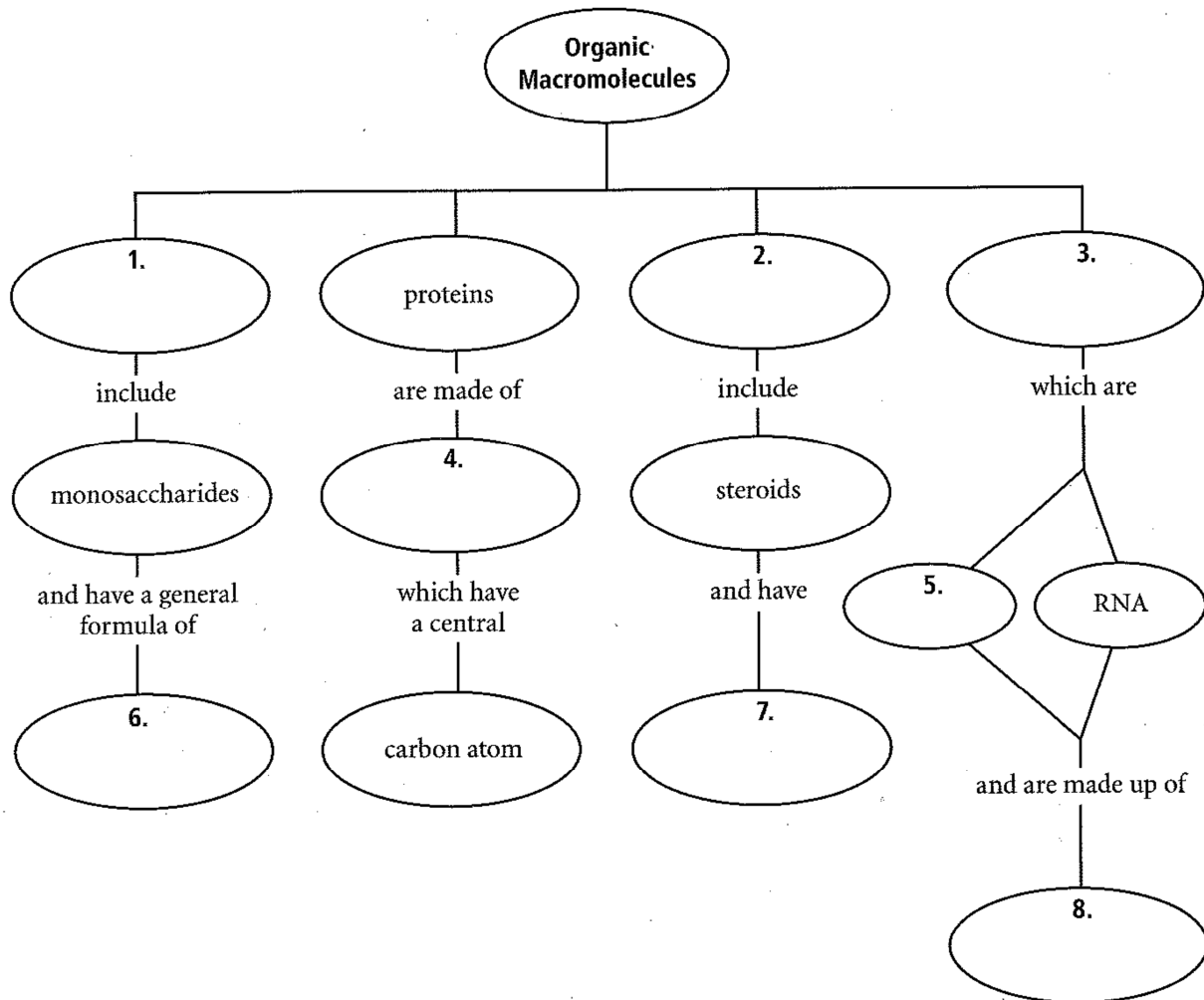
3. Habitat, parasitism, biotic factor

4. Mutualism, population, ecology

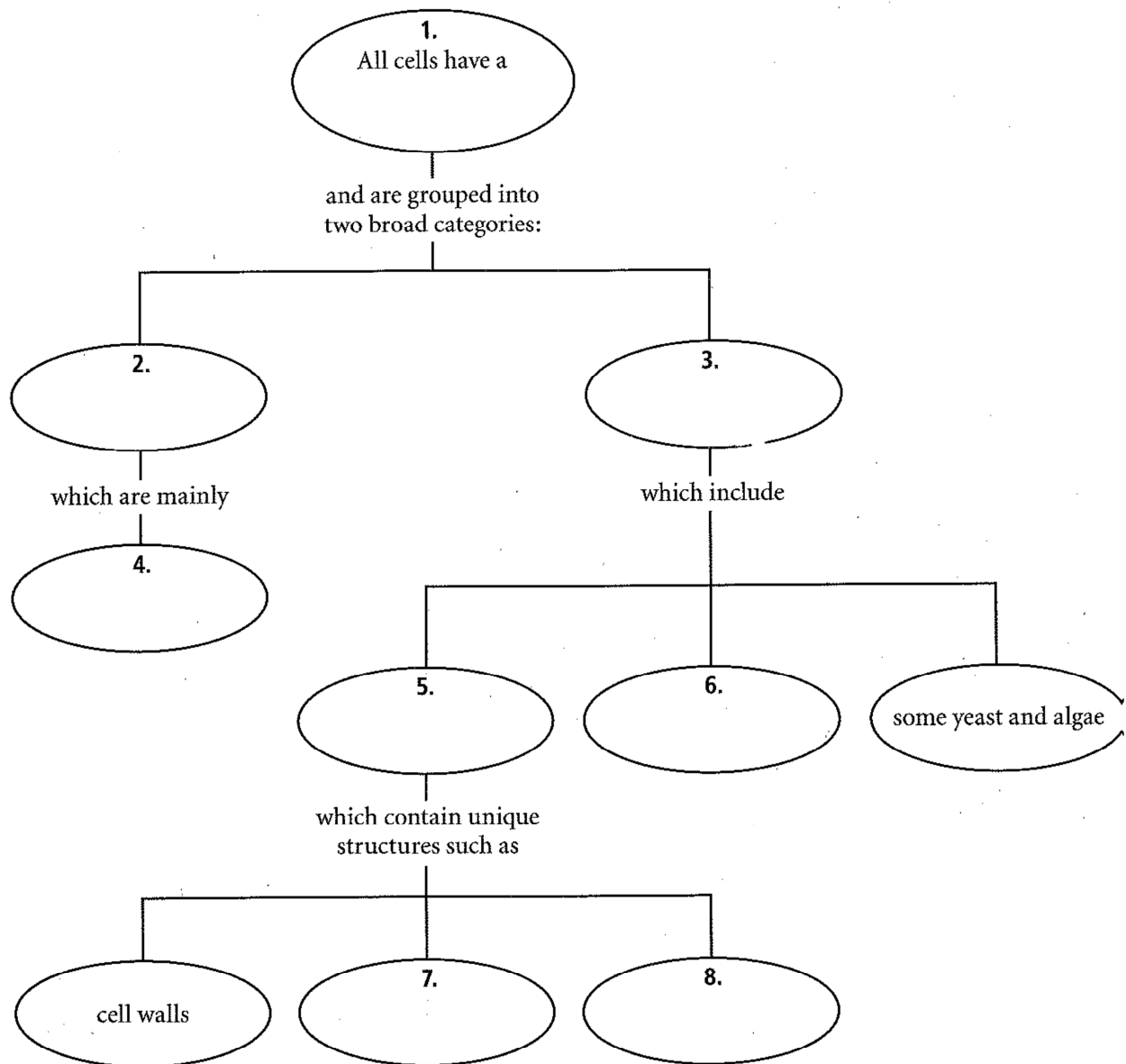
5. Commensalism, community, symbiosis

Directions: Complete the 3 concept maps. Each map has a word bank and the terms can be used more than once.

Complete the network tree about organic macromolecules. These terms may be used more than once: amino acids, carbohydrates, $(CH_2O)_n$, DNA, fatty acid tails, lipids, nucleic acids, nucleotides.



Complete the network tree about cellular structure. These terms may be used more than once: animals, bacteria, chloroplasts, eukaryotes, a large central vacuole, plants, plasma membrane, prokaryotes.



Complete the cycle map about the cell cycle. These terms may be used more than once: cell, cytoplasm, metaphase, nuclear membrane, nucleoli, poles.

