

Name _____

Period _____

AP Biology

Date _____

WHO AM I?

1. single-celled, heterotroph, peptidoglycan cell wall, circular DNA but no nuclear envelope, reproduce by binary fission, who am I?
2. single-celled autotroph, cell wall, aquatic, cause "blooms" in polluted waters, who am I?
3. soil-dweller, specialized for nitrogen-fixation, who am I?
4. single-celled extremophile, living in high temperature or high salinity environments, who am I?
5. aquatic, single-celled, contains numerous chloroplasts, flagellated, reproduce by mitosis, who am I?
6. aquatic, single-celled, heterotroph, pseudopodial movement, who am I?
7. photosynthetic, unicellular, silica cell wall, eukaryotic algae, most common type of phytoplankton, who am I?
8. eukaryotic autotroph, exhibits alternation of generation, dominant gametophyte, dependent sporophyte, who am I?
9. eukaryotic autotroph, multicellular, lacking vascular tissue, who am I?
10. autotroph exhibits alternation of generation, vascular tissue, dominant sporophyte, independent gametophyte, who am I?
11. tracheophyte, male gametophyte (pollen grains) produced in male cones, naked seeds, who am I?
12. photosynthetic, cell wall, multicellular, insect pollinated, has seeds, fruits and flowers, who am I?
13. scattered vascular bundles in stem, parallel venation in leaves, single cotyledon on embryo, who am I?
14. heterotroph, chitinous cell wall, multinucleated filamentous hyphae, who am I?
15. heterotroph, no cell wall, multicellular, no symmetry and no distinct tissues, who am I?
16. protostome with radial symmetry, both polyp and medusa phases, stinging nematocysts, who am I?
17. bilaterally symmetrical, protostome, 3 germ tissue layers, acoelomate, digestive cavity has only one opening or is absent, who am I?

Name _____

AP Biology

- 18. unsegmented pseudocoelomate, bilaterally symmetrical, soil and aquatic habitats, who am I?
- 19. segmented coelomate, bilaterally symmetrical, two opening digestive tract, gas exchange through body surface, who am I?
- 20. soft-bodied coelomate, both terrestrial and aquatic, gills, many have external shells, who am I?
- 21. segmented coelomate, jointed appendages, chitinous exoskeleton, who am I?
- 22. segmented coelomate, 2 body segments, 8 legs, chitinous exoskeleton, who am I?
- 23. coelomate, deuterostome, radial symmetry in adults, endoskeleton, who am I?
- 24. coelomate, deuterostome, bilateral symmetry endoskeleton, possess dorsal nerve cord, notochord & pharyngeal slits during development, who am I?
- 25. vertebrate, external fertilization, external development, gills, 2-chambered heart, who am I?
- 26. vertebrate, external fertilization, external development, lungs, 3 chambered heart, who am I?
- 27. vertebrate, internal fertilization, external development in amniotic egg, lungs, 3-chambered heart, who am I?
- 28. vertebrate, internal fertilization, external development in amniotic egg, lungs, 4-chambered heart, who am I?
- 29. vertebrate, internal fertilization, internal development , lungs, mammary glands, 4-chambered heart, who am I?
- 30. vertebrate, internal fertilization, internal development but must be completed externally in pouch, lungs, 4-chambered heart, who am I?
- 31. vertebrate, internal fertilization, external development in amniotic egg, lungs, fur, milk production, 4-chambered heart, who am I?
