

1 Classifying living things – Part 2

—Answers

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Work through these after trying the questions yourself.

1.6 Animal, Plant, Fungus, Prokaryote, Protocist.

1.7 A vertebrate has a backbone; an arthropod has no backbone but a hard exoskeleton (and jointed legs).

1.8 Mammals have fur or hair and feed their young on milk; birds have feathers and a beak and lay hard-shelled eggs.

1.9 "Dichotomous" means splitting into two; there are two choices at each step.

1.10 It is not made of cells and cannot carry out the life processes on its own—it can only reproduce inside a host cell.

1.11 It is a **bird** (backbone + feathers + hard-shelled eggs). It cannot be a mammal because it has feathers, not fur or hair, and does not feed its young on milk.