

18 Classifying life – Part 1 —Answers

Answers

Work through these after trying the questions yourself.

18.1 Sorts living things into groups by their shared features.

18.2 A group whose members can breed to produce fertile offspring.

18.3 Archaea, Bacteria and Eukarya.

18.4 A cell with no nucleus.

18.5 Eukarya.

18.6 A species is defined as a group that can breed to produce *fertile* offspring. A horse and a donkey produce a mule, but the mule is *infertile*, so the cross does not meet that definition—which is why the horse and donkey are classed as different species.