A dichotomous key is the simplest type of key. The nine arthropods can be classified by the number of body segments (two or three including the head), the number of legs (six or eight), and the body patterns (            ).

Complete the dichotomous key by creating two questions, one about the number of body segments and another about the number of legs an arthropod has, which are answered in a yes/no form.

Example: Has the arthropod three body segments?
Has the arthropod six legs?

Then fill in the arthropods A–I in the answers. Try the activity again with a different set of questions.

Q1. .................................................................

.................................................................

Q2. .................................................................

.................................................................

Has body so arthropod ..............
Has body so arthropod ..............
Has body so arthropod ..............
Has body so arthropod ..............
Has body so arthropod ..............
Has body so arthropod ..............
Has body so arthropod ..............
Has body so arthropod ..............
Has body so arthropod ..............