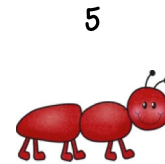
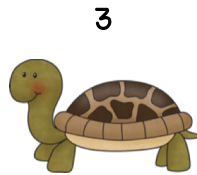
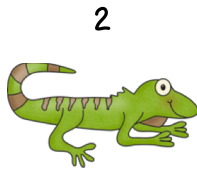


How to Use a Dichotomous Key



- 1 a. Backbone go to 2
 b. No backbone go to 5
- 2 a. Wings bat
 b. No wings go to 3
- 3 a. Legs go to 4
 b. No legs snake
- 4 a. Shell tortoise
 b. No shell lizard
- 5 a. Antenna ant
 b. No antenna spider

DIRECTIONS

- Choose one creature to start.
- Read steps 1a and 1b.
- Decide which statement is true and follow the directions.
- The directions will lead you to a new pair of choices.
- Keep doing this until you come to a step that gives you the creature's name.
- Choose a new creature and repeat these steps.
- Do this until you identify every creature.

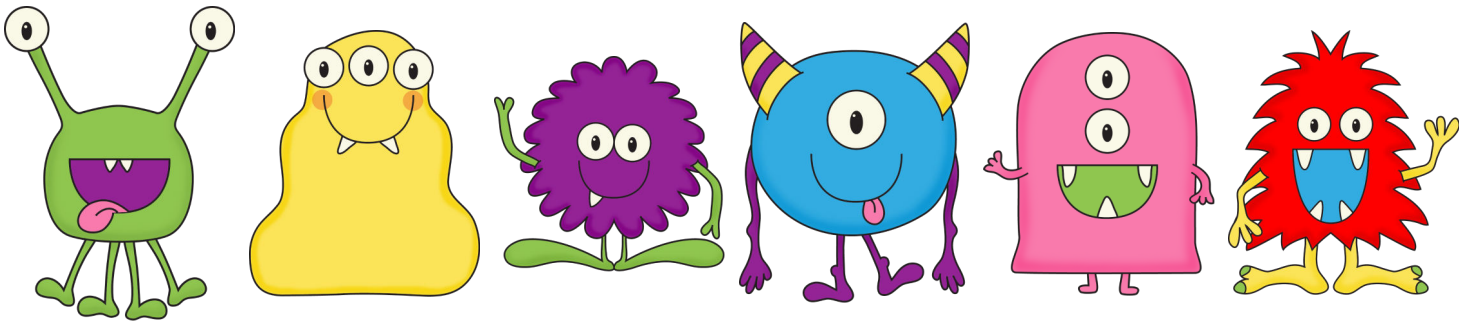
EXAMPLE



- 1 a. Backbone go to 2
 b. No backbone go to 5
- 2 a. Wings bat
 b. No wings go to 3
- 3 a. Legs go to 4
 b. No legs snake
- 4 a. Shell tortoise
 b. No shell lizard

Identifying Aliens with a Dichotomous Key

Look carefully at the aliens pictured below. Use the dichotomous key to find the scientific name for each one.



- 1 a. Mouth open go to 2
 b. Mouth not open go to 4

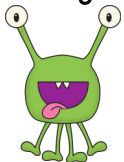
- 2 a. Arms go to 3
 b. No Arms *Alienus quadlegicus*

- 3 a. Hairy *Alienus hairicus*
 b. Not hairy *Alienus tritoothicus*

- 4 a. No horns go to 5
 b. Horns *Alienus stripicus*

- 5 a. No legs *Alienus blobicus*
 b. Legs *Alienus fuzzicus*

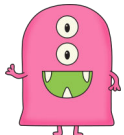
Write your answers below.













Each of these aliens belongs to the same genus. What is their genus? _____

Look at the species name for each alien. How do you think these names were chosen?
