

Name:

Class:



The figure shows a ring-tailed lemur.



i. The table below shows the classification of the ring-tailed lemur. Complete the table.

Classification group	Name
Kingdom	<i>Animalia</i>
Phylum	<i>Chordata</i>
Class	<i>Mammalia</i>
Order	<i>Primates</i>
Family	<i>Lemuridae</i>
Genus	<i>Lemur</i>
Species	<i>catta</i>

ii. The table below shows part of the classification of the ring-tailed lemur.

Give the binomial name of the ring-tailed lemur.

Lemur catta

Xylem vessels transport:

- A** Water from the roots to the leaves
- B** Water from the leaves to the roots
- C** Sucrose from the roots to the leaves
- D** Sucrose from the leaves to the roots

Platelets in the blood:

- A** Transport glucose
- B** Transport carbon dioxide
- C** Have a nucleus
- D** Are involved in blood clotting

Complete the balanced symbol equation for aerobic respiration.



Reproduction may be sexual or asexual. Describe **one** advantage to a species of sexual reproduction rather than asexual reproduction.

Any **one** of the following:

- Idea that sexual reproduction results in genetic variation.
- Allow converse if clearly referring to asexual reproduction allow reference to natural selection / evolution (if conditions change).