

# Mammals in the Museum

## Discovery Activity Sheet Y7-10

### What is a mammal?

Mammals are warm-blooded animals that have hair of some form on their bodies and mammary glands which produce milk. Different species of mammals have adapted to live in many different environments- on the land, underground, in the air, in the tree tops and underwater.

Mammals are divided into three groups – monotremes, marsupials and placentals. Monotremes lay eggs. Marsupials give birth to very small, poorly developed offspring. Most female marsupials have pouches and the young develop inside the pouch. Placental mammals, like humans, give birth to well-developed young.

### Monotremes, marsupials and placentals

Do a little research to further investigate the differences between the three types of mammals. For example, how does a monotreme provide milk to its young? Do all marsupials have pouches?

### Sort the mammals!

Sort this list of mammals into monotremes, marsupials and placentals.

Echidna	Quoll	Bandicoot
Dunnart	Platypus	Manatee
Antelope	Numbat	Hedgehog
Kangaroo	Cat	Opossum
Koala	Lemur	Bat
Armadillo	Mouse	Seal
Kultarr	Tasmanian devil	Thylacine
Wombat	Whale	Sugar glider
Raccoon	Human	Sloth
Wallaby	Bilby	Quokka
Elephant	Sheep	Bear

**Resources from the Australian Museum:**

<https://australianmuseum.net.au/learn/animals/mammals/>

<https://australianmuseum.net.au/learn/species-identification/ask-an-expert/what-is-a-mammal/>

<https://australianmuseum.net.au/learn/collections/natural-science/mammalogy/>

<https://australianmuseum.net.au/learn/species-identification/ask-an-expert/what-is-a-monotreme/>

<https://australianmuseum.net.au/learn/species-identification/ask-an-expert/what-is-a-marsupial/>

# ANSWERS

## Monotremes

Echidna  
Platypus

## Marsupials

Kangaroo  
Koala  
Wombat  
Quoll  
Tasmanian devil  
Numbat  
Dunnart  
Bilby  
Bandicoot  
Wallaby  
Opossum  
Thylacine  
Sugar glider  
Kultarr  
Quokka

## Placentals

Whale  
Human  
Elephant  
Armadillo  
Cat  
Sheep  
Antelope  
Raccoon  
Hedgehog  
Mouse  
Bat  
Manatee  
Seal  
Sloth  
Lemur  
Bear