

# Astronomical history

Student: ..... Class: .....

## Dreamtime story

1. Complete the sentences:

The Warlpiri Aboriginal people explained a ..... eclipse as the result of the moon-man being threatened by the sun-woman who is pursuing him and catching up. The solar and lunar eclipse dreamtime stories demonstrate that aboriginal people had an understanding that eclipses were caused by a ..... between the sun and the moon.

## Ptolemy

2. Claudius Ptolemy (AD 85–165) developed a model of the universe.



- (a) Use the diagram to describe Ptolemy's model of the universe.

.....

- (b) Where did Ptolemy place the stars in his model?

.....

- (c) Ptolemy knew that Mars moved across the sky in a looping motion called retrograde motion. His model explained this motion using epicycles. Use the diagram below left to explain the idea of epicycles; label the diagram below right where necessary.



Retrograde motion

