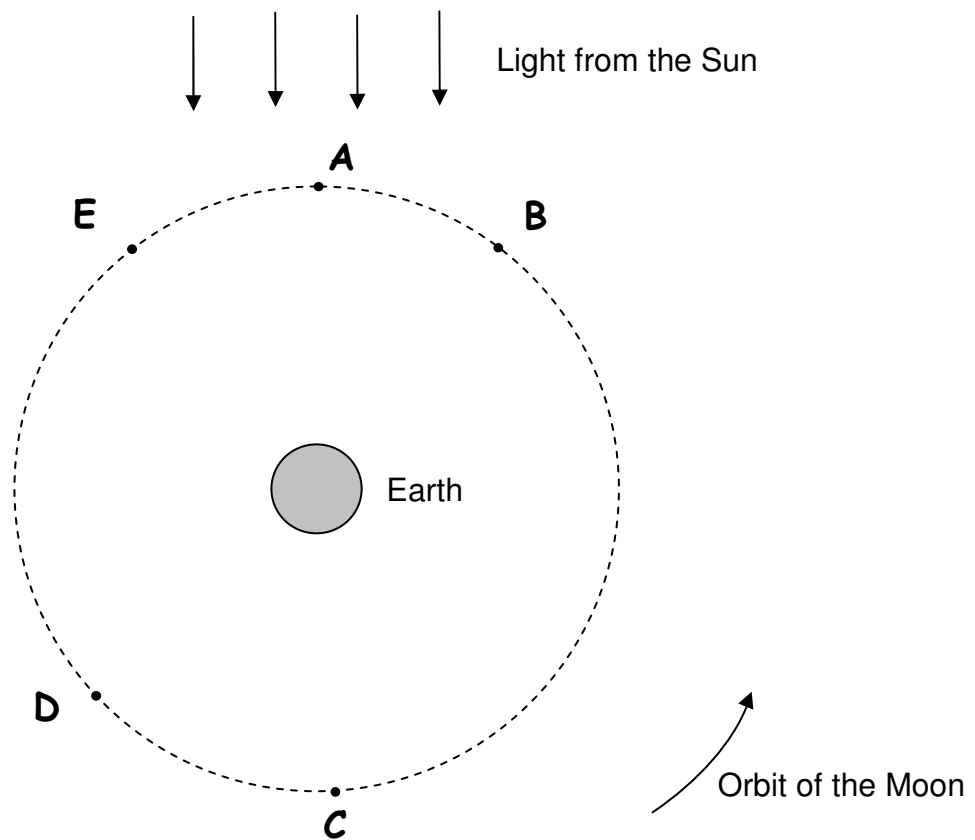


The Moon's Orbit

The diagram shows a top view of the Moon orbiting the Earth. The letters **A** to **E** show different positions of the Moon. Light from the Sun is coming from the top.



1. At which position of the Moon:

a) might a solar eclipse take place? _____

b) might a lunar eclipse take place? _____

2. At which position of the Moon:

a) would the Moon be seen in its gibbous phase? _____

b) would a full Moon be seen from Earth? _____

c) would a crescent Moon be seen, just after sunset? _____

d) would the Moon be new? _____

3. How long does it take for the Moon to move in its orbit from position **A** to position **C**? Circle the correct answer.

7 DAYS

14 DAYS

28 DAYS

4. How long does it take for the Moon to move in its orbit from position **B** to position **D**? Circle the correct answer.

7 DAYS

14 DAYS

28 DAYS

5. On the diagram, show **two** positions of the Moon where you might see it half-full. Label these **F** and **G**.

6. How long does it take for the Moon to move in its orbit from position **F** to position **G**? Circle the correct answer.

7 DAYS

14 DAYS

28 DAYS