NOT TO SCALE: The Sun is 100 times larger than Earth and 400 times larger than the Moon. 60 “Earths” would fit between the Moon and the Earth and 23,500 “Earths” would fit between the Earth and Sun.

The pictures you draw above should look like some of those in the picture below.

Question 1: What causes the phases of the Moon? Are they due to Earth's shadow?

Question 2: What is meant by the terms “waxing” and “waning”? 