

## Where to Put the Moon

Your group has a marble representing Earth, a metric ruler, and at least one calculator.

Your group also has three objects of different sizes. Please choose the object whose size best represents the Moon’s size using the scale that the marble represents planet Earth. After selecting the object whose size best represents the Moon, place that object at a distance from the marble (Earth) that is true to the same scale.

Share with the whole group which object you selected and the distance separating Earth and the Moon at the scale that we are using.

The presenter will provide the information about the real sizes of Earth and the Moon, and the real distance separating them. As a group, decide if you want to change the object representing the Moon and/or its distance from the marble. Be prepared to justify why your group did not make changes, or the changes you made.