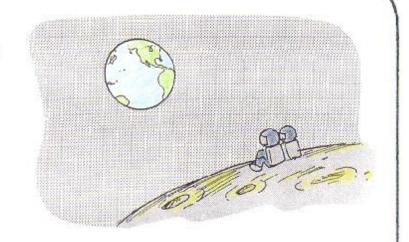


Would observers on the Moon see the Earth "rise" and "set," as we here on Earth see the Moon rise and set?



## Mantime Question

Would observers on the Moon see the Earth "rise" and "set," as we here on Earth see the Moon rise and set?



## Answer: no

The rotation of the Moon is synchronized with its revolution about the Earth, with the result that the same side of the Moon always faces the Earth. So from the Moon, the Earth always appears at the same point in the sky. (Of course, the Earth will be seen to go through the same phases, from crescent to full, as the Moon does from Earth.)

