

# Which is rougher: the Earth or a basketball?



VS.



Use the following pieces of information:

The diameter of the Earth is 7926 miles at its equator.

The "roughness" of the Earth's surface is ~12 miles, from the deepest ocean trench to the tallest mountain.

A basketball has a diameter of about 250 millimeters.

The bumps on a basketball's surface are about 1 millimeter high.