



π IN THE SKY¹⁰

Dig into the volume of this Martian rock sample, and
see for yourself what's possible with pi!

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TUBULAR TALLY

The Perseverance Mars rover is designed to collect rock samples that will eventually be brought to Earth for further study. This would be the first time we've ever brought back samples from Mars!

After scientists identify an interesting rock they would like the rover to collect, Perseverance uses a special coring bit to drill out a rock cylinder 13 mm in diameter. As the rover drills, the rock core moves into one of 38 available tubes that will store the rock sample – sealed until it is opened one day in a lab on Earth.

If the coring bit collects a rock cylinder 60 mm in length, what is the volume of the rock in the sample tube?

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