

"Grammar Practice worksheet for class 5" -Tenses

"What is the smallest planet with diamonds?"

Underline and change the tenses in the paragraph mentioned below into present perfect tense:

The smallest planet currently covers a significant amount of diamonds 55 Cancri e, an intriguing exoplanet located about 40 light-years away in the constellation Cancer. This planet is categorized as a "super-Earth," a term used for planets that are larger than Earth but significantly smaller than gas giants. Scientists estimate that 55 Cancri e has a carbon-rich composition, which raises the tantalizing possibility that a considerable portion of its interior could be made up of diamond. The planet's high temperature and pressure conditions facilitate the formation of diamonds, making it a unique celestial body that challenges our understanding of planetary formation and composition.

The discovery of 55 Cancri e adds a fascinating dimension to our knowledge of exoplanets and the potential for exotic materials beyond our solar system. With a radius nearly twice that of Earth and a mass eight times greater, it orbits its host star every 18 hours, resulting in extreme temperatures that could reach as high as 3,900 degrees Fahrenheit (around 2,200 degrees Celsius). This environment suggests a surface that is radically different from ours, possibly featuring lakes of molten rock and vast expanses rich in carbon-based substances, including graphite and diamond. The prospect of a planet composed, at least partially, of diamond captures the imagination and highlights the diverse possibilities of planetary structures that exist in the universe.

Moreover, the study of 55 Cancri e emphasizes the importance of continuing our exploration of distant worlds. As telescopes and observation techniques improve, we may uncover more about the composition, geology, and atmospheres of these remote planets. The intrigue surrounding 55 Cancri e serves as a reminder of the vast and varied universe we inhabit.

