Highlighted Chain-of-Thought (HoT) Al Agent

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Your Question

If Earth is 149.6 million km from the Sun and light travels at 299,792 km/s, how long does it take for sunlight to reach Earth?

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Answer

First, we need to convert the distance from the Sun to Earth from kilometers to seconds. We know that <fact1>Earth is 149.6 million km from the Sun</fact1> and <fact2>light travels at 299,792 km/s</fact2>. So, we divide the distance by the speed of light: 149.6 million km / 299,792 km/s = 499.004 seconds. Therefore, it takes approximately 499 seconds for sunlight to reach Earth.

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