1. Watch a short video "The History of Light":
https://www.youtube.com/watch?v=OLCqaWaV6jA
2. Watch another (a slightly longer) video "Measuring the Speed of Light": https://www.youtube.com/watch?v=kZZ4B8UiEGM\&t
3. How much time will it take light to travel from the Earth to the Moon?

Perform your own calculation using the following: Earth-Moon Distance $=\mathbf{3 8 4}, 400 \mathrm{~km}$, speed of light $=\mathbf{3 0 0}, 000 \mathrm{~km} / \mathrm{s}$. Show your work!
4. Why am I not asking you how much time it will take sound to travel from the Earth to the Moon?

