NAME:

- 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": <u>https://www.youtube.com/watch?v=kZZ4B8UiEGM&t</u>
- 3. How much time will it take <u>light</u> to travel from the Earth to the Moon?

Perform your own calculation using the following: Earth-Moon Distance = 384,400 km, speed of light = 300,000 km/s. Show your work!

4. <u>Why am I not asking</u> you how much time it will take <u>sound</u> to travel from the Earth to the Moon?