It is worth pointing out that none of the simulations we use this semester include a possibility of uncertainty. In that way, they are unrealistic, which is why we did this activity.

Even with the detailed procedure, and even having taken ITEC 1001, students are likely to have Excel issues.

They’re also likely to have trouble with the geometry in Part A. It might help to draw a circle for the Earth with sunlight shining straight down on Syene. Align a pen along the Sun’s rays and then slowly move the pen, perpendicular to the Earth, up to Alexandria.