What’s Our Latitude?

Could use a sextant.
What's Our Latitude?

Could use a *sextant*. 
How Big Is The Earth?
Blue
We’ll address numerical details later.
How Eccentric Is The Moon’s Orbit?
Which Is Further Away... Sun or Moon?

Moon at First Qtr

Moon at Last Qtr

Sun
Which Is Further Away... Sun or Moon?
How Much Further?

About 400 times further
How Much Further?

About 400 times further
How Big Is The Moon?

Earth’s Shadow

How Aristarchus measured the size of the Moon.
How Do We Know Venus Orbits the Sun?