

Right-click [HERE](#) and select "Open in new tab." An image will open. Let's imagine the image shows a sunspot pair drawn by Galileo on two consecutive days at 8:00 a.m. C.S.T. The green line represents the distance traveled by the sunspot pair in a twenty-four hour period. The diameter of the sun is given in the image. What is the distance traveled by the sunspot pair in the twenty-four hour shown?



What is the average acceleration of a car that goes from +40 km/hr to -80 km/hr in 2 seconds?

Make sure to express your answers using proper SI units, and round your answer to two decimal places. Type the magnitude in the first blank and the direction (if necessary) in the second blank. If no direction is necessary, type "none" in the second blank.

