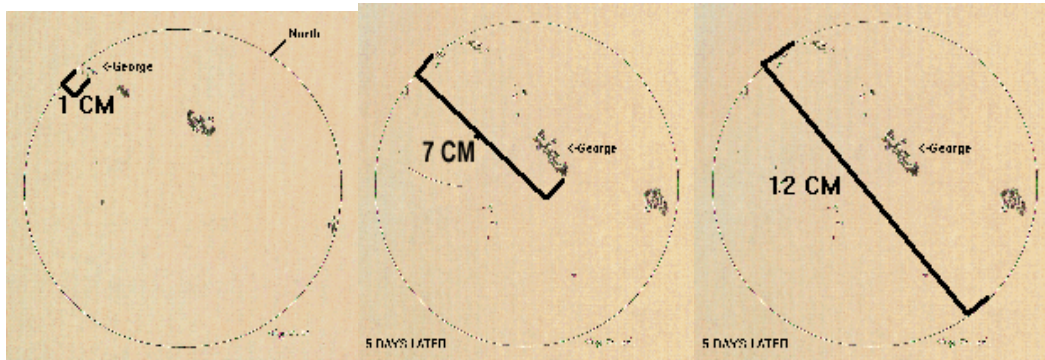


4:2 As the Sun Turns



$$\text{Rotation Speed} = \text{Time} \times \frac{\text{Diameter}}{(B-A)}$$

$$R = T \times \frac{D}{(B-A)}$$

Distance A is 1 cm Distance B is 7 cm

Diameter is 12 cm (multiply 12 by 2 to include both sides of the sun)

Time is 5 days

$$R = 5 \times \frac{24}{(7-1)}$$

$$R = 5 \times \frac{24}{6}$$

$$R = 10 \times 2$$

$$R = 20$$