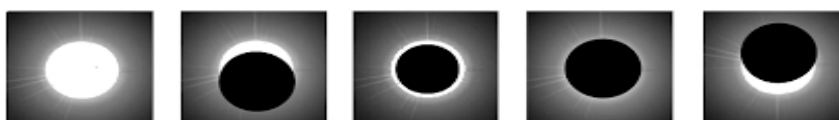


- (c) *Penumbra.* Location [C] receives light from the $\begin{array}{|l} \text{top edge} \\ \text{middle} \\ \text{bottom edge} \end{array}$ of the sun.
- (d) "*Negative shadow.*" Location [D] receives light from the $\begin{array}{|l} \text{top edge} \\ \text{middle} \\ \text{bottom edge} \end{array}$ of the sun.
- (e) *No shadow.* Location [E] receives light from the $\begin{array}{|l} \text{top edge} \\ \text{middle} \\ \text{bottom edge} \end{array}$ of the sun.
- (f) Match the following views that would be seen from each location [A]-[E] in space. Remember that the diagram on the previous page is seen from the side.



Observer: [E]

- (g) For the above views, draw circles around the total solar eclipses.
- (h) For the above views, draw squares around the partial solar eclipses.
- (i) For the above views, draw dashed squares around the annular solar eclipses.