2. The adjacent diagram (Fig. 4) represents sunrise on three different days. One day is the autumnal equinox (Sept. 22), one is the summer solstice (June 21), and the third is the winter solstice (Dec. 21).

a. In the space above each sun, place the proper date.

b. Look back through old newspapers (and court records if available) to see if there is a propensity for accidents (both auto and pedestrian) near sunrise around the autumnal equinox in your area. If there is, explain why with the aid of figure 4.