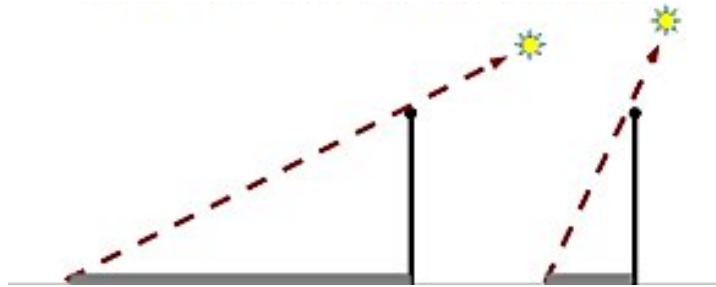


Light, Shadows, and Time: The Sun, The Day, and the Year

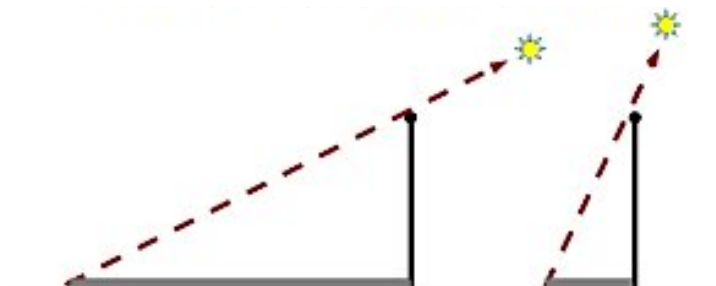
In order to help you answers these questions, see pages 15—20 in Unit 1.

1. The diagram shows two different times of day on the very same day. On the diagram, which image is more likely to illustrate midday (or noon)? The right image of the left image? Circle the correct image.



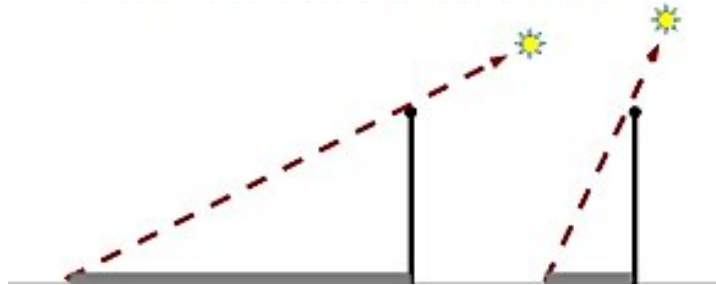
2. Explain your answer to the previous question.

3. The diagram shows the same time of day on two different days of the solar year. On the diagram, which image is more likely to illustrate the summer solstice? The right image of the left image? Circle the correct image.



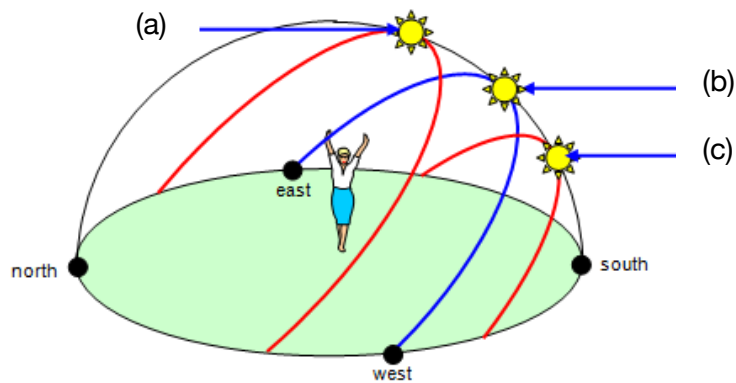
4. Explain your answer to the previous question.

5. The diagram shows the same time of day on two different days of the solar year. On the diagram, which image is more likely to illustrate the winter solstice? The right image of the left image?



6. Explain your answer to the previous question.

7. To answer the following four sub-questions, refer to the diagram below.



- (i) Which is the winter solstice? Is it (a), (b), or (c)?
- (ii) Which is the vernal equinox? Is it (a), (b), or (c)?
- (iii) Which is the summer solstice? Is it (a), (b), or (c)?
- (iv) Which is the autumnal equinox? Is it (a), (b), or (c)?