



**Astronomy Exit Ticket: Earth's Rotation & Time**

**Your Task:**

Note: The diagram to the right shows earth from a (north) polar view.

1. Label earth's rotation with a small and neat arrow close to the words, "North Pole". (1 pt)

2. Describe this direction of rotation in words: (1 pt)

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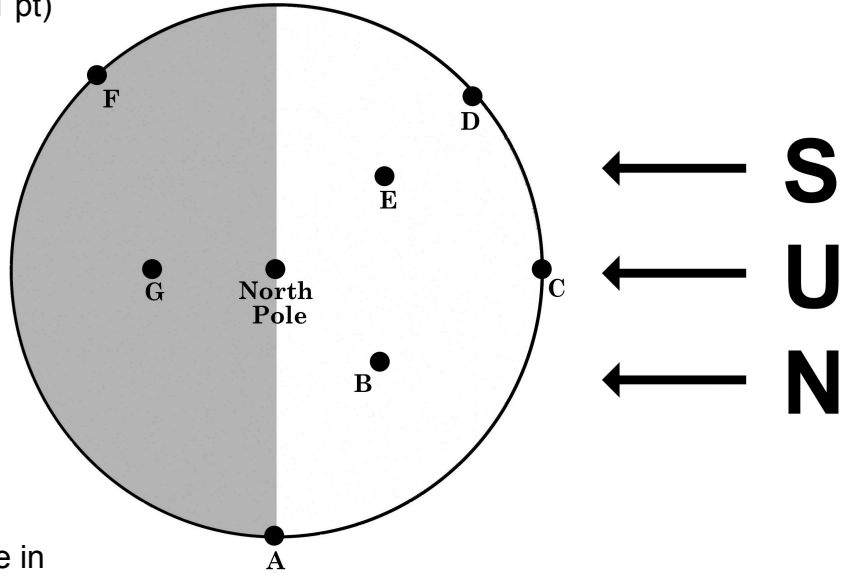
3. Identify the approximate time for each of the points shown the right: (1 pt each)

A \_\_\_\_\_ B \_\_\_\_\_

C \_\_\_\_\_ D \_\_\_\_\_

E \_\_\_\_\_ F \_\_\_\_\_

G \_\_\_\_\_



4. Describe what two points on earth **must** have in common **if** they have the same approximate solar time and the same clock time? (1 pt)

\_\_\_\_\_

\_\_\_\_\_

5. Which two locations **must** have the have same approximate solar time and the same clock time? (1 pt)

\_\_\_\_\_ & \_\_\_\_\_

6. Explain why your answer to the question immediately above. (1 pt)

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Reflective thoughts, or ideas you know you need to work on after completing this ticket:

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