

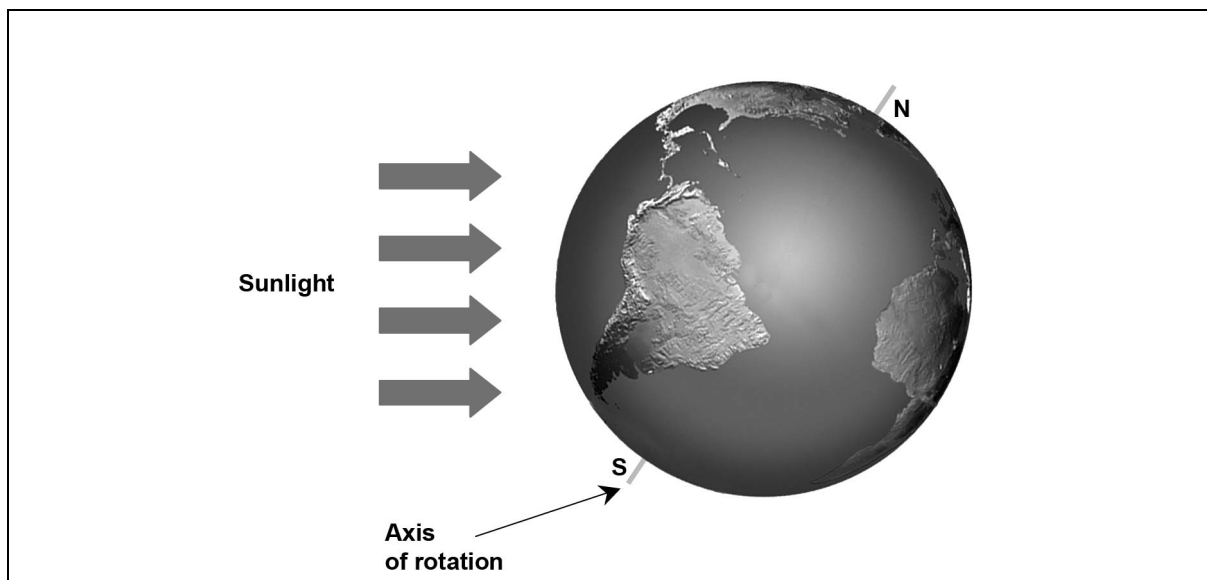
Cycles of day and night

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1. Match each phenomenon with its explanation.

Phenomenon	Explanation
a) Day alternates with night.	1. Earth rotates at almost constant speed.
b) One day is about 24 hours long.	2. Earth rotates on its own axis.
c) The Sun rises in the east and sets in the west.	3. During the day, the Sun's rays reach Earth directly.
d) The days are longer at the start of summer.	4. Earth rotates from west to east.
e) It is hotter during the day than at night.	5. Earth rotates on a slightly tilted axis.

2. Use the following illustration to answer the questions below.



- Draw a dotted line to mark off the zone on Earth where it is night.
- Mark the zone where it is nighttime (*night*) and the zone where it is daytime (*day*).
- In which hemisphere are the days longer than the nights?

- In which hemisphere is it winter?
