

axis	longer	midday	sun	rotates	daytime
shorter	western	nighttime		night	24 hours
shortest		eastern	spinning		darkness

axis	longer	midday	sun	rotates	daytime
shorter	western	nighttime		night	24 hours
shortest		eastern	spinning		darkness

axis	longer	midday	sun	rotates	daytime
shorter	western	nighttime		night	24 hours
shortest		eastern	spinning		darkness

Name: _____

Date: _____

Understand why we have day and night

At all times it is _____ in one part of the world and _____ in the other part of the world. When Britain faces the _____, it is daytime for us, but the other side of the world is in _____ - in Australia it is the middle of the _____. As the Earth _____, parts of the Earth that were facing the sun turn away from it. The Earth rotates one complete turn every _____. The Earth rotates on its _____. From Earth the sun appears to rise in the _____ part of the sky and to set in the _____ part of the sky. It appears this way because the Earth is _____ on its axis. We should never look straight at the _____ because doing this can damage our eyes. In the morning, shadows appear _____. As the day goes on,, shadows become _____ until they become _____ at _____, after which shadows get _____ again.

Answers

At all times it is daytime in one part of the world and nighttime in the other part of the world. When Britain faces the sun, it is daytime for us, but the other side of the world is in darkness - in Australia it is the middle of the night. As the Earth rotates, parts of the Earth that were facing the sun turn away from it. The Earth rotates one complete turn every 24 hours. The Earth rotates on its axis. From Earth the sun appears to rise in the eastern part of the sky and to set in the western part of the sky. It appears this way because the Earth is spinning on its axis. We should never look straight at the sun because doing this can damage our eyes. In the morning, shadows appear longer. As the day goes on,, shadows become shorter until they become shortest at midday, after which shadows get longer again.