

Astronomy Picture of the Day (2007 Sep. 10)



Mars Rover Opportunity Inside Victoria Crater

Advanced Question

Chap. 2, Q28 in P28

On November 1 at 8:30 PM, you look toward the eastern horizon and see the bright star Bellatrix rising. At approximately what time will Bellatrix rise one week later on November 8?

Advanced Question

Chap. 2, Q28 in P28

Answer: 8:02 PM

A star rises 4 minutes earlier each evening, so in one week Bellatrix rises $7 \times 4 = 28$ minutes earlier, at 8:02 PM.