

Astronomy Bonus

Williams College Trivia, January 2006

1 Astronomers You Love to Hate

Match the nifty fact in the second column to one of the astronomers in the first column.

Astronomers	Nifty Fact	Matches
A) Edmund Halley	After being injured in a duel, his nose was replaced by a metal prosthetic	
B) Perceval Lowell	The first man since Aristarchus to posit that the Earth revolves around the Sun	
C) Nicolaus Copernicus	Discovered Uranus	
D) Annie Jump Cannon	Determined that galaxies were their own separate distant bodies and not part of the Milky Way	
E) Charles Messier	Discovered Pluto's satellite, Charon	
F) Clyde Tombaugh	Lived under house arrest for nine years until his death	
G) Galileo Galilei	Developed a method of determining longitude at sea by means of lunar observations	
H) James Christy	While searching for comets, accidentally discovered dozens of galaxies and nebulae	
I) Tycho Brahe	Discovered Pluto	
J) William Herschel	Determined the eponymous mass limit for a star to turn into a white dwarf	
K) Johannes Kepler	Developed the OBAFGKM classification system for stars after personally analyzing over 400,000 spectra	
L) Edwin Hubble	Spurred the creation of the B-Movie industry when he thought he saw canals on Mars	
M) Subramanyan Chandrasekhar	Defended his mother against accusations of witchcraft	

2 Telescopes & Observatories

Identify the observatory or telescope *and* its location.

1)



2)



3)



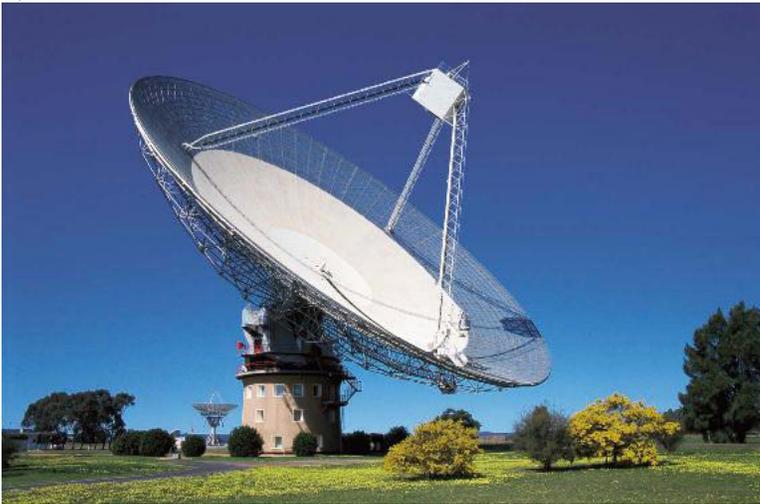
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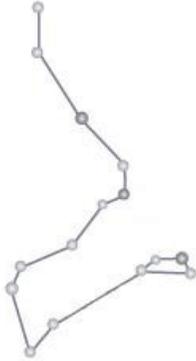
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3 Name that Constellation

Identify the constellation.

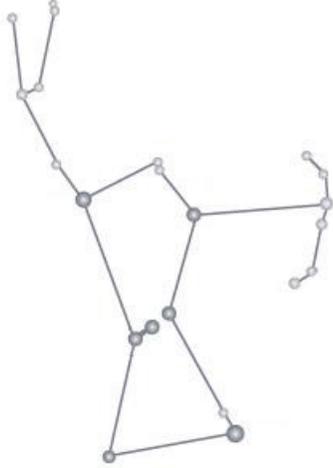
1)



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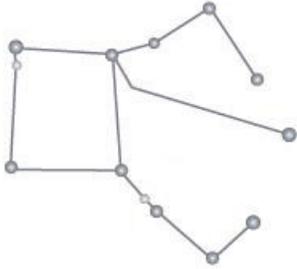
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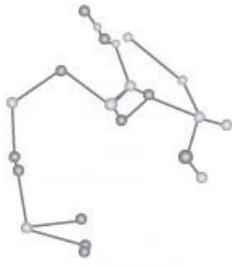
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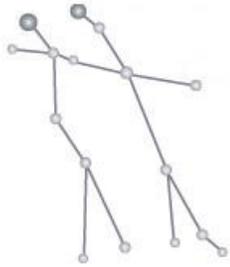
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8)



9)



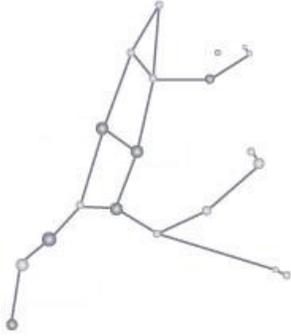
10)



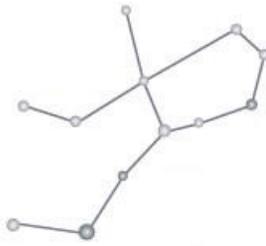
11)



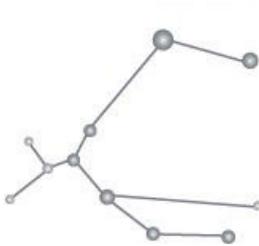
12)



13)



14)



4 Astronomy Trivia (where science meets fiction)

Answer the following questions.

1. According to esteemed scientist Dr. Emmett Brown, what makes time travel possible?
2. How many years would it take to reach Alpha Centauri at Warp 1?
3. What is the shortest known distance for completing the Kessel run?
4. What device, modeled on the bugger hive mind, allows faster-than-light travel and communication?
5. What planet lies at the center of the galactic spiral whose outermost planet is named Terminus?
6. What noted inventor created the warp drive?
7. List at least six of the Twelve Colonies of Kobol.
8. What material regulates the reaction of matter and antimatter in a warp core?
9. What important substance was carried in a meteorite discovered in Addis Ababa in 1978, and transported to a spot 200 feet underneath Park Avenue?
10. On November 28, 2000, four new constellations were first identified, including the Big Pineapple. Name one of the other three.
11. What astronomical marker point the correct way to Neverland?
12. In the 24th-and-a-half century, how will be able to locate Planet X?
13. What is the answer to the ultimate question of life, the universe, and everything?