



Name _____

Date _____

#46 - Everything, The Universe...And Life

1. What field of astronomy does Phil Plait find the most exciting right now? _____
2. When was the first confirmed detection of an exoplanet? _____
3. Most of the detected exoplanets are giants, and likely to have atmospheres like _____
4. Which atmospheric molecules are reactive, and won't last long without being replenished?
5. In Earth-like atmospheres, what is the easiest way we know to replenish oxygen? _____
6. Which telescope is designed to look for the signature of oxygen on distant worlds? _____
7. We think that most stars in the galaxy have planets. How many stars are in our galaxy? _____
8. We see traces of life on Earth going back nearly _____
9. Life existed on Earth not too long after it cooled enough to have _____
10. For most of Earth's history the most advanced life was basically _____
11. For communicating across space, you don't need a lot of sophisticated tech to make _____
12. SETI stands for _____
13. We've detected exoplanets older than our Earth. How old is our Earth? _____
14. The folks at SETI scan the skies at various _____
15. Seth Shostak predicts that, if anyone out there is broadcasting, we'll pick up the signal in _____
16. We now stand on the edge of understanding some our grandest questions, because of _____