



Name _____

Date _____

#27 - Exoplanets

1. The small movement of a star due to an orbiting planet is called _____
2. The first confirmed detection of planets outside our solar system occurred in the year _____
3. A planet outside of our solar system that orbits a star is officially called _____
4. The first discovery of an exoplanet orbiting a star like the Sun occurred in the year _____
5. As the host star of the exoplanet makes its little circle, its light will undergo a _____
6. A more massive planet pulls harder on the star, making it move _____
7. Giant gaseous exoplanets that orbit very close to their parent star are called _____
8. When a planet passes directly in front of its star, the event is called _____
9. The beauty of transiting exoplanets is that the amount of starlight blocked tells you _____
10. If we know the planet's mass, we can use the planet's size to calculate _____
11. A gas giant like Jupiter has a relatively _____
12. NASA launched a telescope to detect exoplanet transits, in 2009, named _____
13. In what year was the first direct evidence, a picture, of an exoplanet released? _____
14. Planets bigger than Earth, but smaller than Neptune are called _____
15. We've seen so many exoplanets now that we can confidently estimate numbers by _____
16. How many exoplanets are estimated to be in our galaxy alone? _____