Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**What is a Theory?**

|  |  |  |
| --- | --- | --- |
|  | Your Group’s Definition and Example | Correct Definition and Example |
| Theory |  |  |
| Hypothesis |  |  |
| Fact |  |  |
| Law |  |  |
| Superstition |  |  |

Label the following as Fact, Law, Hypothesis, Theory or Superstition

1. For every action, there is an equal and opposite reaction.
2. Somebody will be late to class today
3. Matter can be changed from one phase to another by taking away or adding energy
4. An object in motion will stay in motion unless acted upon by another force
5. Walking under a ladder is bad luck
6. The solar system formed from a giant dust cloud billions of years ago
7. Matter cannot be destroyed
8. Atoms have a nucleus
9. If you don’t fertilize your lawn, then it will not grow as tall as compared to a fertilized lawn
10. Darker fabrics get hotter in the sun than lighter fabrics
11. The outer core of the Earth is liquid
12. Most of the students in this class will get an A.
13. Plate Tectonics
14. If I water my plants more often, then they will grow faster
15. Gravity pulls things into the center of the Earth.
16. Breaking a mirror will bring you seven years of bad luck