**Low Stakes Test: Space**

1. **What force keeps the planets in orbit around the Sun?**
2. **What actually is ‘space?’**
3. **Black stuff between planets b) A vacuum c) The Universe**
4. **What is mass measured in?**
5. **What is weight measured in?**
6. **On Earth, how many newtons of weight does 1kg of mass have?**
7. **A rocket has a weight of 2000N and produces 1900N of thrust. Will it take off? Explain your answer.**
8. **A rocket has a mass of 200kg and produces 3000N of thrust. Will it take off? Explain your answer using a calculation.**
9. **What are the 2nd, 5th and 8th planets in the Solar System?**
10. **Apart from planets, name 2 other objects in the Solar System:**
11. **Explain what causes day and night on Earth:**
12. **Why is a year on Mercury shorter than a day?**