

Name _____

Earth vs. Space Gravity Answer Key

Example Answers (students' wording may vary):

Differences

- **Earth:** Stronger gravity (9.8 m/s^2), pulls objects firmly to the ground, gives people a constant weight.
- **Space:** Weaker or microgravity in orbit, objects and astronauts appear weightless, gravitational pull depends on distance from massive objects.

Similarities

- Gravity exists in both Earth and space.
- Gravity is caused by mass attracting mass in both environments.