

Name- _____ Date- _____ Period- _____ Page - ____

Physical Science in Action – Gravity

1. What is the force that pulls things to the ground is called?
2. A push or a pull is called a?
3. Gravity is a force of _____ that pulls all objects together.
4. An object's gravitational force depends on its _____ and _____.
5. The amount of matter in an object is it's?
6. The more mass an object has the greater its _____ force.
7. Only objects with huge mass have enough gravitational force to _____ other objects toward them.
8. The measure of the pull of the Earth's gravity on your mass is known as?
9. A tiny, invisible speck in space that has infinite mass is called?
10. The pull of gravity gets _____ as the distance between that objects increases.
11. Objects fall at the same _____ regardless of their mass.
12. Objects fall at different rates due to _____.
13. A feather and a penny fall at the same rate when only force at work is?
14. Gravity treats all objects the _____, regardless of their mass.
15. The force of gravity pulling on objects speeds up their fall, this is called?
16. When objects fall a greater distance they are going _____ than objects that only fall a short distance.
17. When air resistance and gravity balance each other out, it is called?
18. A balance of motion versus gravity produces an?
19. Most roller coasters use _____ to power the ride.
20. The faster you're moving against gravity, the stronger you feel its pull, this is called?