

FORCE AND GRAVITY movie (16:44) /17

Name _____ hr _____

1. The natural attraction that exists between any two objects is called _____
2. What holds the moon and their planets in orbit? _____
3. An object at rest remains at _____ and an object in motion stays in _____ unless acted upon by an outside force.
4. When a force acts on an object the object will start to move, slow down, or change _____
5. For every action there is an equal and _____ reaction.
6. When you push on the ground what is the ground doing? _____
7. What is the name of the force that slows down movement? _____
8. What is the name of a vehicle that has very little friction and can go on water and land?

9. If the space shuttle was not protected, what would air do to it? _____
10. Why is the moon's gravity not as strong? _____
11. Some satellites can orbit the Earth in _____ minutes.
12. Satellites keep going until something _____ them.
13. Air is a fluid that has _____.
14. The slower air underneath the wing pushes the wing up and creates _____.
15. When your body pushes outward this is centripetal _____.
16. What kind of forces make roller coasters thrilling? _____