

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

Physical Science in Action - Friction

1. We _____ friction when we want brakes on a car or bike to stop.
2. We try to _____ friction in a car engine by adding motor oil.
3. A force that opposes motion between two surfaces in contact is called?
4. The amount of friction depends on how much _____ is applied and how _____ the two surfaces of the two objects are.
5. When two objects rub or slide against each other it is called _____ friction.
6. When two surfaces come in contact but there is not sliding it is called _____ friction.
7. Inside wheels, _____ _____ create rolling friction instead of sliding fiction.
8. For a motorcycle to make a quick start, it uses _____ friction.
9. The brake disks use _____ friction to stop the motorcycle.
10. If tires are under inflated _____ of the tire makes contact with the ground.
11. Bikes with _____ _____ tires are much harder to peddle due to increased friction.
12. Water and air are both _____, which can change shape very easily and move around other objects.
13. The force opposing the motion of fluid over an object is called _____ friction.
14. If a surface produces a lot of friction it has a _____ mu and if a surface produces very little friction it has a _____ mu.
15. Any substance used to reduce friction between two surfaces is called a _____.
16. Whenever two objects are touching but not moving it is called _____ friction.
17. While rock climbing, climber use special shoes and powder to increase _____.
18. When two surfaces come together _____ is produced.