

- ____ 14. Two simple machines that are part of a bicycle are a(n)____.
- a. gear and a wheel and axle
 - b. inclined plane and a lever
 - c. inclined plane and a wedge
 - d. screw and an inclined plane
- ____ 15. On what point does a lever pivot
- a. the arm
 - b. the end
 - c. the middle
 - d. the fulcrum
- ____ 16. Which is an example of work being done in a scientific sense
- a. pushing against a stationary box
 - b. doing homework
 - c. carrying a box
 - d. lifting a box
- ____ 17. Using several pulleys together is known as a _____.
- a. machine system
 - b. pulley system
 - c. pulley group
 - d. wheel and axle
- ____ 18. What is transferred when work is done?
- a. energy
 - b. velocity
 - c. mass
 - d. matter
- ____ 19. Which is an example of work being done in a scientific sense?
- a. doing homework
 - b. lifting a box
 - c. carrying a box
 - d. pushing against a stationary box
- ____ 20. Using an inclined plane allows you to apply _____.
- a. no force
 - b. the same force
 - c. a greater force
 - d. a lesser force

