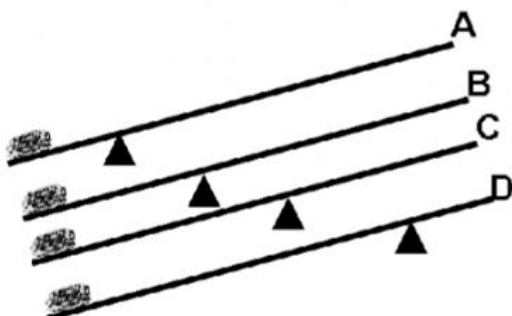


11. Select all that are true
- 4 has the greatest mechanical advantage
 - 2 is a fixed pulley
 - 1 is a moveable pulley
 - 3 is a Block and Tackle
- ___ 12. The mechanical advantage of a machine that changes only the direction of force is
- 0.
 - greater than 1.
 - less than 1.
 - 1.
- ___ 13. A machine that uses two or more simple machines is called a
- compound machine.
 - mixed machine.
 - mechanical machine.
 - combination machine.
- ___ 14. What do machines do?
- decrease the amount of work that is done
 - change the amount of force you exert or the distance over which you exert the force
 - increase the amount of work that is done
 - eliminate friction
- ___ 15. A term that means the same thing as output force is
- effort force.
 - input force.
 - resistance force.
 - multiplying force.
- ___ 16. Work is measured in
- meters.
 - pounds.
 - joules.
 - newtons.
- ___ 17. A device with toothed wheels that fit into one another is called a
- wheel and axle.
 - pulley.
 - system of gears.
 - fulcrum.



- ___ 18. Which lever pictured above has the least Mechanical Advantage
- D
 - B
 - C