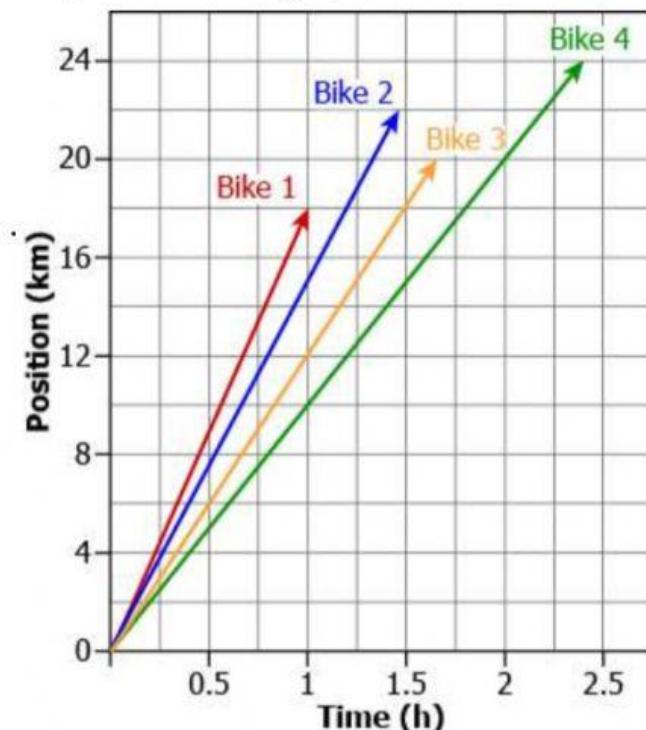


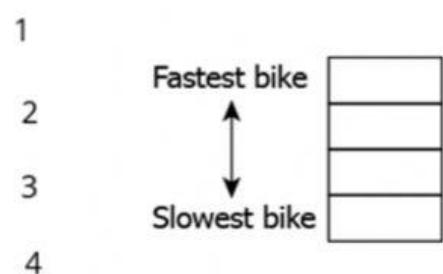
54. A generator is used to convert \_\_\_\_\_ energy into \_\_\_\_\_ energy.

Choose: thermal, electrical, mechanical

55. The position - time graph shows the motion of four bikes.



Drag and drop by arranging the bikes in order from the fastest to the slowest bike



56. An object with mass of 40 kg is moved to another planet with a greater gravitational pull. The mass on the object will (increase, decrease, remain the same) the weight will (increase, decrease, remain the same).

57. An object is placed on a surface. A student tries to apply various combinations of forces on the object. Which pair of forces will not move the object?

