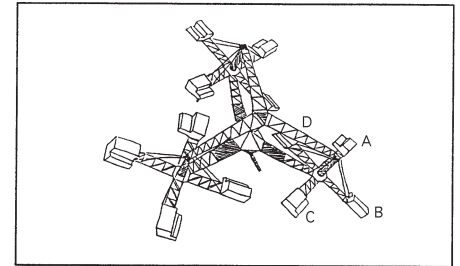


# SCRAMBLER

Indicate the direction of rotation of the ride cars about the main and secondary axes on the adjacent figure.



Sketch the path of the ride car.

How many rotations does the rider make about each axis?

Main \_\_\_\_\_

Secondary \_\_\_\_\_

At which position (A, B, C, or D) was the speed (and force) of the ride car a maximum?

At which position (A, B, C, or D) was the speed (and force) of the ride car a minimum?

Calculate the total distance traveled by riding the Scrambler.

Graph the acceleration versus time for one main revolution of the Scrambler.

