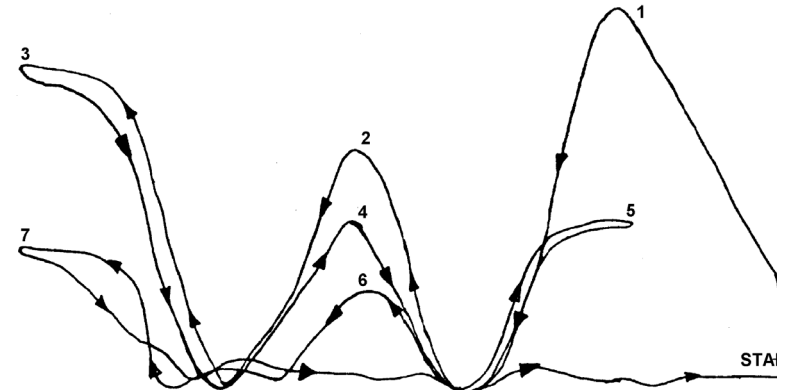


# WOODEN ROLLER COASTER



Numbers identify peaks in order

Length of Track 805 m.

Arrows show direction  
Maximum Height 18.

1. Determine the angles of ascent and descent of the first hill.
2. Identify at least 3 sources of friction in this ride.
3. Complete the diagram by putting in the proper labels. Label the following, minimum potential energy, G; maximum potential energy, X; maximum kinetic energy, K; minimum kinetic energy, M; weightless sensation, W; heavy sensation, H.
4. What is the average speed from the beginning to the end of the ride? What is the average velocity?