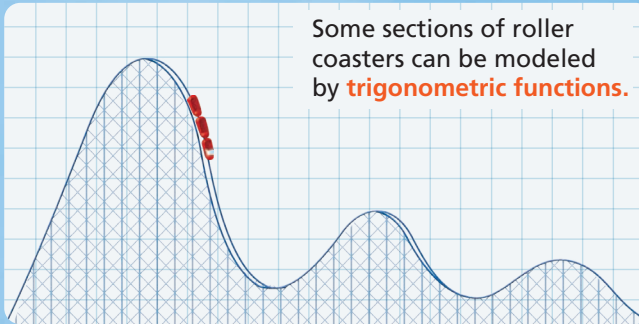


Did You Know?

A roller coaster has no engine. The first car in the train is pulled to the top of the first hill, after which **gravity** and **momentum** take over.



Materials used to build **Big One steel roller coaster**

=



1,270
pilings

+



2,212
tons of steel

+



60,000
bolts

+



42,000
square feet of paint

Your Task: Roller a Coaster

You and your classmates will design a roller coaster following a track modeled on trigonometric functions.

