



Problem of the Week

Problem A

Ski Time

Graham and Olga are going skiing. A gondola takes them from the bottom of a mountain to the top, and then they ski back down. It takes them 20 minutes to ride the gondola to the top of the mountain, and 15 minutes to ski back down.

They begin their first gondola ride up the mountain at 9:30 a.m. and plan to meet their parents at the bottom of the mountain at 12:30 p.m. for lunch. What is the maximum number of ski runs they can do before meeting their parents for lunch, assuming they don't have to wait in line for the gondola?

