

Math 1030 #18b



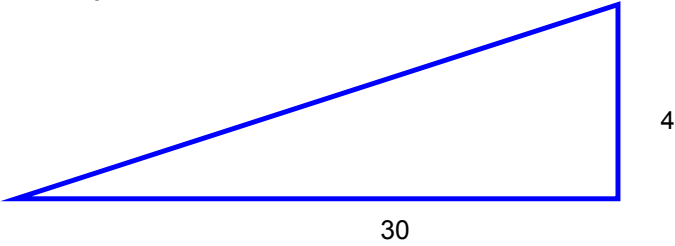
Problem Solving in Geometry



Pitch, Grade, Slope



Ways to measure steepness



Pitch

Slope

Grade

EX 1: What is the approximate grade of a path that rises 1500 feet every mile?

EX 2: Which is steeper, a trail with an 18% grade or a trail with a pitch of 2 in 11?

EX 3: What is the grade of a 5 in 12 roof? How much does it rise in 18 horizontal feet?