



How to participate in a Discussion

1. Click on the green reply arrow.

Scoring

This discussion is worth a maximum of 30 points. You'll get 20 points for participating. Select *one* of the questions above to discuss with your classmates. You'll get a maximum of another 10 points if you provide feedback with follow-up comments or questions that further the discussion.

If you are working ahead in the course or you are alone in the discussion, check with your teacher for grading guidelines to see if you can post responses to two different discussion questions to receive full credit.

2. Make note of the scoring. Often times to receive full credit more than one post is needed.

Reply to an Existing Message

The message you are replying to: 1.7.3 A Slippery Slope

Initial_Post wrote the following post at 12-31-2013 1:08 PM:

1. The phrase "miles per hour" is an example of a *rate of change*. What other commonly used rates of change can you think of in everyday speech?
2. Can you construct three lines that are perpendicular to each other?
3. In the Swiss Alps, Mt. Pilatus rises to a dizzying height of 7,000 feet. In the 19th century, Swiss engineers created a special type of railway that could climb to the mountain's peak. The first train climbed the mountain on June 4, 1899. A steam-powered engine carried passengers slowly upward on a track with an average gradient (or slope) of 42% and a maximum gradient of 48%. At this nerve-wracking angle, for every 100 feet that the train traveled horizontally, it also climbed 48 feet upward. A modern railcar built for this slope is not rectangular, but instead looks more like a rhombus. Why do you think rhombus-shaped railcars are used?

3. Enter your post responding accordingly to the discussion question(s).

Subject

Re: 1.7.3 A Slippery Slope

Message

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B *I* U

Do not allow replies

Post Icon:

None

Cancel Post

4. Click the post button at the bottom of your screen to complete your post.