

Name: _____



Cycling Hills Challenges

You decide to ride your bike to school. On the way to school there's a big, big hill. You pedal up it, but it's very tough. The hill is 80 feet tall. It takes you 1 minute to travel 10 feet up the hill, how long will it take you to travel up the whole hill?

The next day you go up the same hill, but you're so tired that each minute you go up ten feet, you also slip down 5 feet. How many minutes would it take you to travel up the entire 80-foot hill?

On the third day, you travel up the same hill again. This time you're so exhausted that each minute you go up 10 feet, you slip down 9 feet! How many minutes would it take you to get to the top of the 80-foot hill?