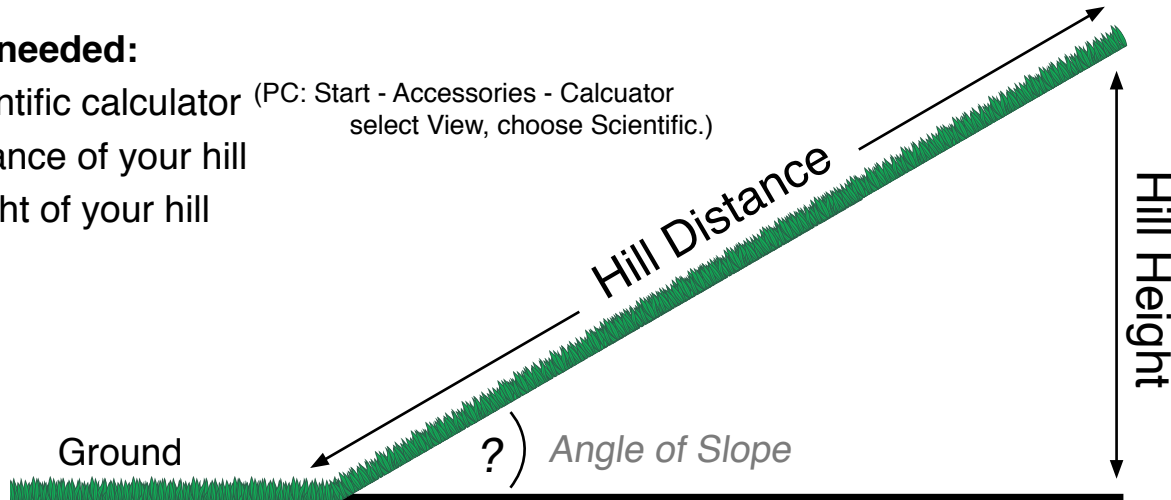


www.lawnbotts.com slope degree formula

IMPORTANT NOTE: If you'd like for us to determine if your slope is suitable for the Lawnbott robotic lawnmower, simply take photos from several angles and email them to sales@lawnbotts.com. We will be glad to determine by looking at your photos!

Tools needed:

- Scientific calculator (PC: Start - Accessories - Calculator select View, choose Scientific.)
- Distance of your hill
- Height of your hill



FORMULA TO FIND ANGLE OF SLOPE:

$$\text{Angle of Slope} = \sin^{-1} \frac{\text{Hill Height}}{\text{Hill Distance}}$$

- 1 EXAMPLE:** Lets assume your **Hill Distance is about 90 feet long** and your **Hill Height is about 40 feet high** from the ground.

You will enter the following into your scientific calculator:

- 2** First, enter: **40 ÷ 90 =**
The answer is .444444

- 3** Next, press the **2nd** key. (In Windows, check the "Inv" box.)
Then, while .444444 is still on the display,

- 4** Press Sin, actually it's **sin⁻¹** because we pressed the 2nd key.

The answer is **26.388 degrees**... well within the range of a Lawnbott LB1200, LB3200 or LB3500!