

What is the height of the flagpole on the hill as shown in the sketch below? The shadow length is 24 feet, 5.25 inches.

Determine the height of the flagpole to an accuracy of 1 decimal place.

Show all work.

Assume the sketch is **NOT TO SCALE**.

Bonus 1 (2 points):

Name the author for:

"You don't seem to know, don't seem to care what your heart is for..."

or

Bonus 2 (2 points):

Name the authors for:

"I cannot lie, from you I cannot hide
And I'm losing the will to try ..."

