

Trig Aps

Example A boy standing on level ground notices (or can measure) that the angle he has to look up (angle of elevation) to see the top of a flagpole is 42 degrees. He can also measure the distance he is from the pole and finds it to be 120 feet. How high is the flagpole?

We'll call the height of the flagpole " h ." Let's look at a picture and fill in any information we have

