

You have 30 minutes. Take your time!
Note that this sheet has **two sides**.

Name: _____

ONE: What is the approximate volume of a 30 ft tall tree with dbh = 12 in.? Explain your answer.

TWO: In a point sample (a.k.a. prism cruise) using a BAF of 10, a total of 144 trees were "in" across 12 unique sample points. What is the estimated mean basal area per acre?

THREE: Explain how you correct for slope when checking borderline trees in a BAF 10 point sample.

FOUR: In point sampling (a.k.a. prism cruising or angle-count sampling) we say that “big trees have big plots”. How precisely does this increase the probability of being sampled? Explain.

Write nothing below the line above.