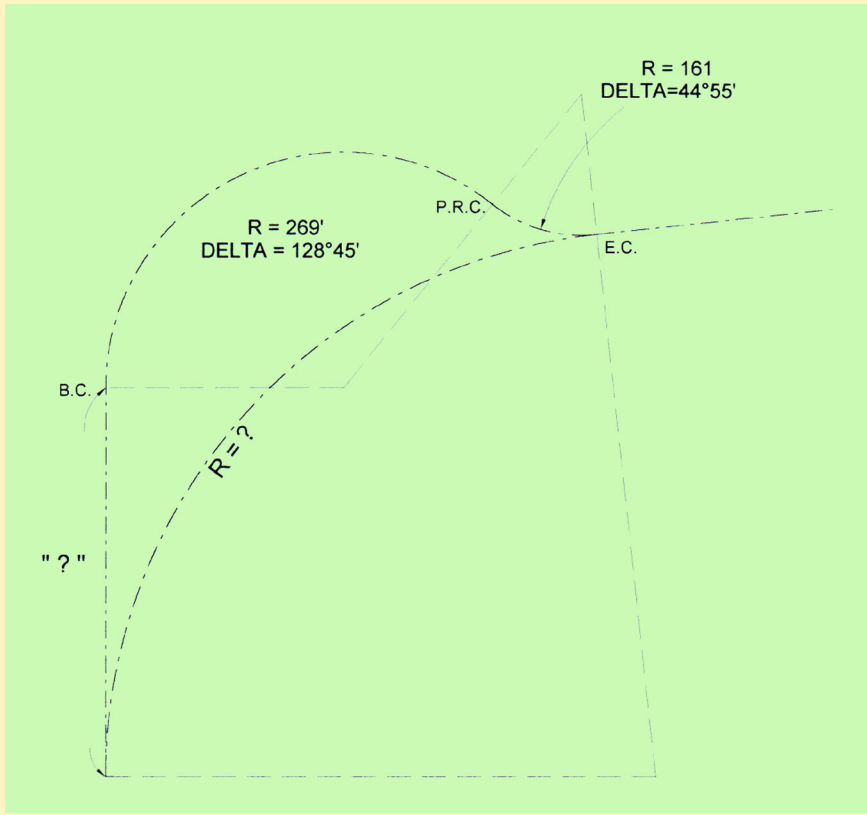
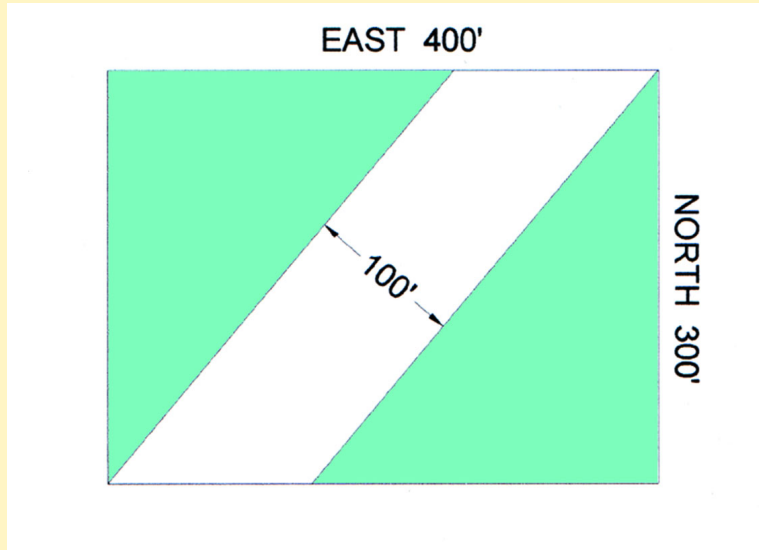




This month's trigonometry challenges involve finding the area of a right-of-way, and a new curve intersection. The solutions to Problems 1 and 2, which appeared in the July/August issue, can be found on page 21.

PROBLEM NUMBER 3

A 100' wide right-of-way crosses a rectangular parcel as shown. What is the area of the right-of-way within the parcel?



PROBLEM NUMBER 4

A reverse curve on a highway is to be replaced by a single curve. What radius will make it end at the E.C. of the R=161' curve? What is the distance from the B.C. of the R=269' curve to the new B.C.?

The problems for this column are contributed by retired California surveyor Dave Lindell, LS.