Problem 184

CQ is the bisector of angle ACB.
What is the length of AB?

Problem 185

* Let a = b
  Then a² = ab
  And a² - b² = ab - b²
  Thus, (a + b)(a - b) = b(a - b)
  So that (a + b) = b
  Therefore a + a = a
  And 2a = a
  Therefore 2 = 1.

* Not my original problem.

Solutions are on our website at www.profsurv.com