



PUTNAM EXAM SEMINAR
FALL 2010

ASSIGNMENT 2
DUE SEPTEMBER 13

Exercise 1. $ROMN$ is a rectangle with $|RO| = 11$ and $|OM| = 5$. The triangle ABC has circumcenter O and its altitudes intersect at R . M is the midpoint of BC and AN is the altitude from A to BC . What is $|BC|$?