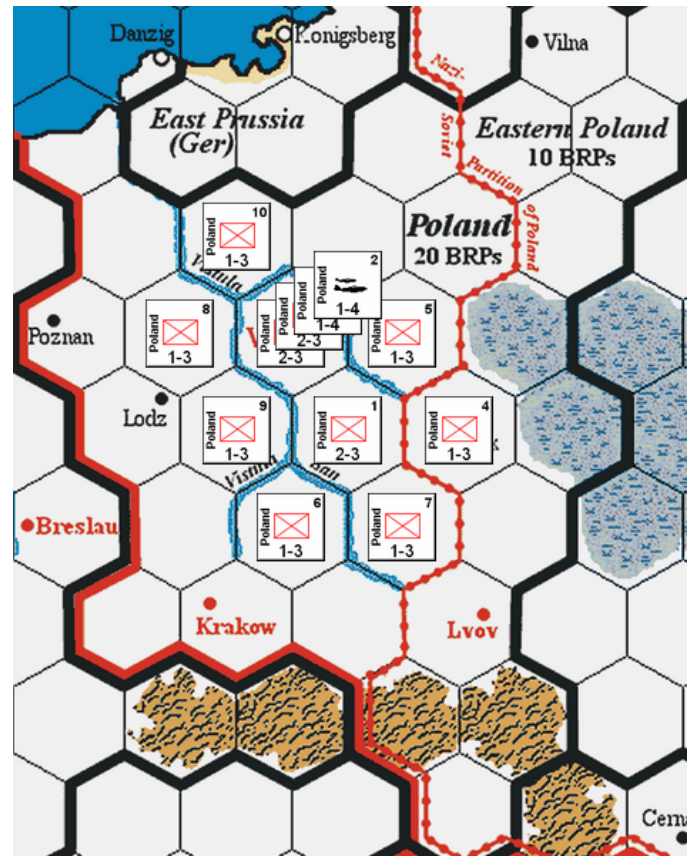


## Contest solution #69; Third Reich

Contest No. 69 called for the Poles to set up their defensive line to accomplish two goals: 1.) attaining the highest probability of survival, and 2.) inflicting the greatest probability of damage to the German forces. The first goal is attainable several ways. The Poles can guarantee that the German must make at least one 2-1 attack in order to capture Warsaw. These are the best odds that he can hope to get as he cannot force the German into a 1-1 attack. The probability that the attack will fail and the attacker will be eliminated is 1 in 36. The second goal is more difficult to determine. Damage is best measured in terms of the standard unit of exchange; the BRP. So losses are not measured in combat factors, but in the number of BRPs it would cost to replace those factors. A surprising result is discovered through mathematical analysis. On the average, it costs the Germans more BRPs (6.79) to attack Warsaw directly across the river than to attack twice southeast of the city and up into Warsaw (6.68 BRPs). Only 7 entries hit upon this solution or variations of it. Many were disqualified because their defense was anchored on the Partition line which the Germans are allowed to cross.



The ten winners of Contest #69 were:

- C. Trebilcock, Montague, MA
- A. Wiecking, Bethesda, MD
- G. Saunders, St. Johns, Newfoundland
- L. Rosales, N.Y., NY
- J. Hooper, Falls Church, VA
- D. Swerdlon, Bethesda, MD
- M. DeMartelaere, Rochester, NY
- S. Collier, Decatur, GA
- J. Vaurus, Pasadena, CA
- M. Schuette of Saginaw, Mi.