

1154-VS-1668      **Benjamin Kibort Breen\***, Department of Mathematics, Dartmouth College, 6188 Kemeny Hall,  
27 North Main Street, Hanover, NH 03755. *Class groups and narrow class groups of  $S_n$ -fields of  
even degree.*

We describe heuristics in the style of Cohen-Lenstra for class groups and narrow class groups of  $S_n$ -fields of even degree. Our work follows from a general model centered on the 2-Selmer group of a number field. In support of our conjectures, we report on experimental evidence for  $S_4$ -fields. (Received September 16, 2019)