

637 / 1688
A number theory problem concerning finite
groups and rings.



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Dear Mr. Sloane,

After I had written this paper[#]
I found out that the group case
is a "well-known" problem (but
as far as I know, nobody before
had looked at the ring case). I
don't have the most recent references
on the group case, but the following
should be useful to you: W. Swarz,
Über die Anzahl Abelscher Gruppen gegebener
Ordnung II, J. für Math., vol. 288, pp.
133-138. There he proves that if my
conjecture on p. 39 is true for any $k \geq 6$
then the Riemann hypothesis is false!

Sincerely,
San Connell