[DNS Exercise 2.2] DNS Worksheet
Domain name to test: _____ Query type:
"A"

1. Start at any root server
        dig +norec @k.root-servers.net. _____ a

2. Referral: what NS records were returned in the "authority"
section? List
them here.

3. Repeat your query for every NS record found in step 2.
Was the response a referral or a final authoritative answer?
List the response here.

Did every server respond? ____   Were the responses the same? _____

4. If step 3 was a referral, repeat again for every NS record found.
List the response here.

Did every server respond? ____   Were the responses the same? _____
Continue for further referrals if necessary.

5. Checklist:
Did all the nameservers give a response?
Did they all give either a referral to a subdomain, or an AA
(Authoritative
Answer)?
Were all the answers from each group of nameservers the same?
Did each group consist of at least two nameservers on two different

networks?
For the final set of authoritative servers: did the list of NS
records in the
Authority Section match the list of nameservers in the referral from
above?
Were the TTL values reasonable?