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(or more) no help Collaborated with: _____

Homework: /SI110/The Cyber Battlefield/Intro

0. Your first homework is to read Chapter 1 from Richard A. Clarke's book "Cyber War" 30/20/10/0
Mr. Clarke has graciously made this chapter freely available to USNA midshipmen.
You can download Chapter 1(not for redistribution) at:

<http://rona.cs.usna.edu/~sil110/resources/readings/>

Check one: read completely read partially skimmed lightly did not read

1. SI110 is divided into three sections: The Cyber Battlefield, Models and Tools, and 20/16/12/0
Cyber Operations. Chapter 1 of Clarke's book doesn't really talk about defense, so
there isn't much for us to say about "Models and Tools". But we do see examples in
the incidents described in the chapter of this new "Cyber Battlefield". Give one
example from the reading of a strictly cyber attack on a strictly cyber asset, i.e.
one example that took place solely on the "Cyber Battlefield". Justify!

2. Give one example from the reading of a cyber attack that was part of a larger 20/16/12/0
physical ("kinetic" seems to be the preferred term) attack, i.e. one example in which
the Cyber Battlefield was just a part of the battlespace. Justify!

3. Clarke writes about the somewhat surprising cyber attack from North Korea. North 20/16/12/0
Korea has almost no computers connected to the internet at all, and yet it appear
to have marshaled 40,000 computers to take part in a DDOS (distributed denial of
service) attack. Explain where these computers were, and how they came to be
involved in this cyber attack.

4. There's an old, and very pompous, bumper sticker - *If you're not part of the 10/8/6/0
solution you're part of the problem.* Explain why, in light of the way North Korea
carried out its attack, that bumper sticker makes sense in the context of cyber
security.