

CONNECTICUT UNDER ATTACK

It has just been reported that Connecticut is under attack. The state is being invaded from the north, south, east and west. The governor has ordered every Connecticut citizen – man, woman and child – to the borders of the state to guard us from attack.

The governor asserts that, “We have enough people to stand shoulder to shoulder all around the state, including our borders with New York, Massachusetts, Rhode Island and the Long Island Sound coastline.”

You know that:

- there are about 3.2 million Connecticut citizens;
- Connecticut is about 120 miles long and about 60 miles wide, but that our coastline is rather jagged; and
- there are 5,280 feet in one mile.

Determine whether or not the governor’s claim is reasonable. Show your work and explain your reasoning.

Then name a few states where this attack-prevention strategy might NOT work. Explain why you chose these states.

[Source: [A Guide to K-12 Program Development in Mathematics](#), State of Connecticut]

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