

Here are some things to try as you read **SquareRoots, Concave States, and Sea Ice** on Math Munch.

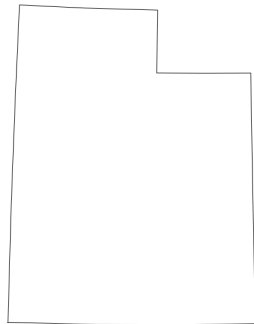
- One of the quilts that John Sims designed is called *Black and White Pi*. It shows the digits of pi in binary. In binary, pi begins 11.0010010000111111011010...
Can you spot it in the quilt?
Why does pi start with “11” in binary?



- In your opinion, which of these states is most concave—or “dent-y”?
Can you put them in order from “most concave” to “least concave”?
How did you decide?



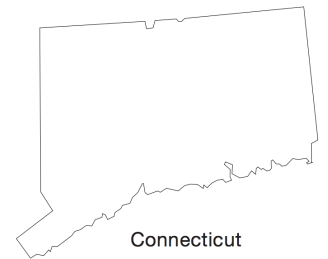
New Jersey



Utah



Florida



Connecticut

- What question would you like to ask one of the mathematicians featured in the post?
- Last question: what was your favorite part of the post? Why did you like it?