

The Apocalypse

In a post-apocalyptic world, the government mandates that all families should have at least one girl or else face massive fines.

Assuming all families continued to have children until they have one girl, at which point they immediately stop, what will the new gender **ratio** of the population be? (Assume that the **odds** of having a boy or a girl from any pregnancy is still 50%).

Answer: 50%...Wait what?

The Apocalypse

[G], [B, B, G], [B, B, B, G], [B, G], [?]

Odds of the next child being a girl or boy is still 50%.

Once this list of arrays gets long enough, there should be equal number of Bs and Gs.

A law mandating that all families should have at least one girl, does NOT change fact that the **odds** of having a boy or a girl from any pregnancy is still 50%.