

Challenge 17: Pumpkin Pies

For Halloween I made two identical pumpkin pies.

I cut the first pie into 1001 identical pieces, and ate 101 of the pieces myself.

I cut the second pie into 10001 identical pieces, and ate 1001 of the pieces myself.

Did I eat more of the first pie or more of the second pie? Answer this without using a calculator!

What if I had cut a third pie into 100001 identical pieces and eaten 10001 of them?