

4. Could someone win more money playing numbers than they lost? What is the probability of that happening if they played numbers 14,000 times? Use the normal distribution to find out.

5. Some mobsters took around 350,000 numbers bets every week. For the people running the numbers racket, the theoretical average profit per bet was $\mu = \$0.40$ with a standard deviation of $\sigma = \$18.964$. Draw and label a graph of the sampling distribution for their weekly average profit.

6. A mobster taking 350,000 bets per week can be 95% sure that they will have a weekly average profit (per bet) between what two numbers?

NUMBERS RACKET

By "BILL"

Boy, there was plenty of excitement when that "611" came out Monday. M, my, my! ! They tell me that some of the bankers haven't stopped running yet. However the "big fish" survived the storm and their ability to pay off will mean increased business for them, mind you.

I turned that cartoon every way but loose before the figger was announced, and could't see it, but as soon as it came out, the number was as plain as day. I am still \$22.60 ahead. Watch 732. Maybe Santa Claus'll bring it.

Inning	Number	My Guess
059	December 5	333
765	December 6	883
011	December 7	234
611	December 8	576
470	December 10	430
689	December 11	854

A typical newspaper article about the numbers racket. From the *Baltimore Afro-American*, Dec. 14, 1929.