

START



Porażka



Sukces



5

10

15

20

25

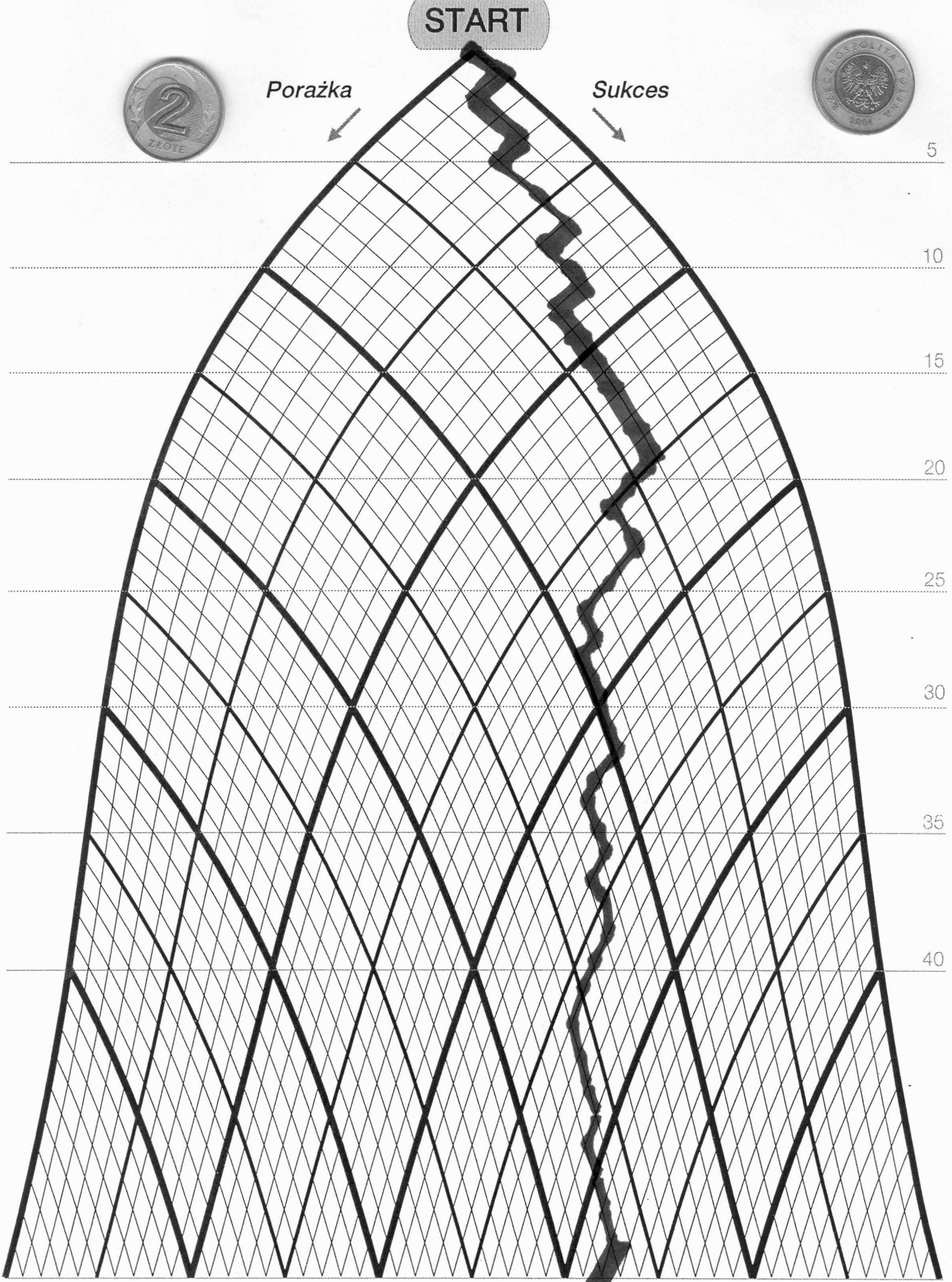
30

35

40

0 5 10 15 20 25 30 35 40 45 50

32



# Binomial Distribution Calculator

Use the Binomial Calculator to compute individual and cumulative binomial probabilities. For help in using the calculator, read the Frequently-Asked Questions or review the Sample Problems.

To learn more about the binomial distribution, go to Stat Trek's tutorial on the binomial distribution.

- Enter a value in each of the first three text boxes (the unshaded boxes).
- Click the Calculate button.
- The Calculator will compute Binomial and Cumulative Probabilities.

Probability of success on a single trial

Number of trials

Number of successes (x)

Binomial Probability:  $P(X = 32)$

Cumulative Probability:  $P(X < 32)$

Cumulative Probability:  $P(X \leq 32)$

Cumulative Probability:  $P(X > 32)$

Cumulative Probability:  $P(X \geq 32)$

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Probability of success on a single trial

Number of trials

Number of successes (x)

Binomial Probability:  $P(X = 891)$

Cumulative Probability:  $P(X < 891)$

Cumulative Probability:  $P(X \leq 891)$

Cumulative Probability:  $P(X > 891)$

Cumulative Probability:  $P(X \geq 891)$

**Calculate**