

Probability Roulette [Compatibility Mode] - Word

REFERENCES

MAILINGS

REVIEW

VIEW

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THEORETICAL PROBABILITY: This is what we THINK should happen. Remember there are 37 spaces on the roulette wheel.

A) A single number

PAGE LAYOUT

DESIGN

B) Two adjoining numbers

D) Corner 4/2 = .108 = .108

F) Dozen
$$|3/37 = .324 = 32.4\%$$

G) 1-18 or 19-36

**EXPECTED VALUE:** Expected value of an event tells you how much you expect to win for each probability.

So the payout of the event times the probability of that event actually occurring. This represents the actual

money amount you would expect for each event. (\$ times Probability) > 5

A) A single number B) Two adjoining numbers

D) Corner

G) 1-18 or 19-36

H) Red or Black

EXPECTED VALUE WHEN YOU HAVE TO PAY TO PLAY: Remember that this isn't 'free money'. We have to pay in order to play. So even though I may expect to win \$0.94 I had to PAY \$1 to play. So we have to

MONEY X PROBABILITY = MONEY





