



## Roulette (Meta)

*Your final stop at the casino is the roulette table. It looks like someone has already placed their wagers.*

- There are eight split wagers placed on the table below. A split is a wager that is placed on two adjacent numbers, either horizontally (like 8-9) or vertically (like 8-11). No two of these wagers have any numbers in common, and no wagers were placed on 0 or 00.
- Exactly two of the splits have been placed horizontally; the other six have been placed vertically.
- Exactly one of the splits covers two red numbers, exactly one of the splits covers two black numbers, and the other splits cover one red number and one black number each.
- There is exactly one corner where four numbers meet, such that each of those numbers is covered by a wager.
- One of the split wagers does not touch any other wagers, even diagonally. The other seven split wagers form a single connected region on the table.
- One column has exactly one number covered by a wager; another column has exactly one number which is not covered by a wager.
- There are exactly two numbers covered by wagers which are each equal to the sum of two numbers covered by a single split.
- The sum of the four numbers covered by the two horizontal splits is 74.
- There are exactly five prime numbers which have been covered by wagers. If a prime number is covered by a wager, none of its higher multiples are also covered by wagers.
- There are exactly four square numbers which have been covered by wagers.
- Once the wagers have been correctly placed, each of the four answers from this round can be placed on one of the following subsets of the table: the odd red numbers, the odd black numbers, the even red numbers, and the even black numbers. Each answer is entered into its set of numbers, one letter for each number in increasing order, ignoring spaces, such that every number is used and no letters are left over.
- When the answers have been correctly placed, every split will cover at least one letter that is worth a single point in Scrabble (AEILNORSTU).
- When the answers have been correctly placed, the four numbers which are mentioned in rule 4 above will each contain a letter that is worth a single point in Scrabble.

0		00
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36

