

# FIGURE IT OUT!

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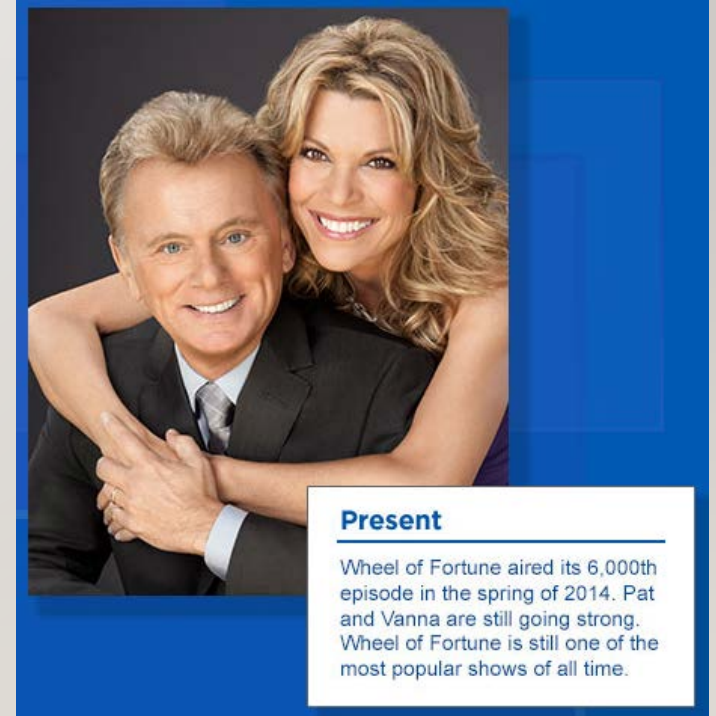


HOW FAR HAS VANNA WHITE WALKED WHILE TURNING LETTERS ON WHEEL OF FORTUNE?

# WHEEL OF FORTUNE FACTS

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- There have been over 6400 “Wheel of Fortune” episodes. (6000 in the spring of 2014 and 200 a year since then).
- There are an average of 4 spinning puzzles and 3 toss-up puzzles per show. For 7 total puzzles per show.
- Vanna only walks and turns letter on the 4 spinning puzzles.



# PUZZLE BOARD FACTS

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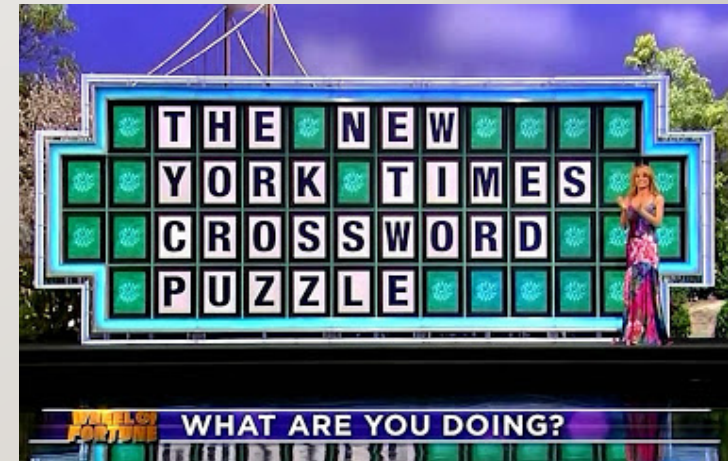
- The puzzle board is 14 tiles long. Tiles are approximately 2 feet wide.
- Vanna walks from one end to the letters to reveal them and back or goes to the other end.
- Assuming that the puzzles are centered, and that each puzzle has letters guessed randomly but centered on the board, Vanna walks either 14' out and 14' back or 28' across for each correct letter guessed.



# PUZZLE OPERATION FACTS

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- Puzzles can be short or long, the shortest has been 6 letters and the longest 46.
- Assuming that the median puzzle is 26 letters long and that Vanna has to turn at least  $\frac{3}{4}$  of them on average before it is solved. Taking into account multiple letters turned in one guess assume 15 letter turning trips per game.



# VANNA WALKING

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- 4 spinning puzzles /show x 6400 shows = 25,600 puzzles solved
- 28 feet/letter turn x 15 letter turning trips/ puzzle = 420 feet / puzzle
- 25,600 puzzles x 420 feet / puzzle = 10,752,000 feet
- 10,752,000 feet / 5280 feet/mile = 2036 miles



