

# PUZZLES

The TWENTY-FOURTH  
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## PHAMILIAR FRASES

In this puzzle, each clue is paired up with another. Fill in the blanks with the correct word. When you are done, the answer to the second clue will sound the same as the answer to the first clue, with the two words exchanged. For example, if the clues were "Pawns the wood ax" and "Sums the table", the answers would be SELLS the ADZ and ADDS the CELLS. Watch for alternate spellings, double meanings of the same word, and verb tenses.

1. Put the ball through the hoop \_\_\_\_\_ the \_\_\_\_\_  
 Filmed the segment \_\_\_\_\_ the \_\_\_\_\_
2. Called upon the house cleaner \_\_\_\_\_ the \_\_\_\_\_  
 Cooked up the yellow condi- \_\_\_\_\_ the \_\_\_\_\_  
 ment
3. Trashes the treaty \_\_\_\_\_ the \_\_\_\_\_  
 Got ready to go on vacation \_\_\_\_\_ the \_\_\_\_\_
4. Effortlessly pass the class \_\_\_\_\_ through the \_\_\_\_\_  
 Flow through the wind \_\_\_\_\_ through the \_\_\_\_\_
5. Grieving by the memorial \_\_\_\_\_ by the \_\_\_\_\_  
 Refit my suit before the sun's \_\_\_\_\_ by the \_\_\_\_\_  
 up
6. Wait on line at Disneyland \_\_\_\_\_ the \_\_\_\_\_  
 Send in the Travolta substitute \_\_\_\_\_ the \_\_\_\_\_
7. Stationed in Istanbul, or com- \_\_\_\_\_  
 ing from thereabouts \_\_\_\_\_  
 Prevent baking fowl from get- \_\_\_\_\_  
 ting too dry \_\_\_\_\_
8. Chill the Slurpee look-alike \_\_\_\_\_ the \_\_\_\_\_  
 Quit showing me pictures of the \_\_\_\_\_ the \_\_\_\_\_!  
 Parthenon!

*Einstein said this couldn't be done by 80% of the population*

### WHAT ARE THE ODDS?

What is the probability that the denominator of a randomly-chosen rational number is even?

*Einstein said this couldn't be done by 80% of the population.*

### STUCK IN PRISON

You are in prison. You are put in a room. There are two doors and two twins guarding the doors. You know that one door leads to certain death, and one leads to freedom, but you don't know which door is which; however, the twins do know. You also know that one of the twins is a compulsive liar, and the other only ever tells the truth. The twins are aware of their differences. You are allowed one question to ascertain which door to go through - What is your question?

*Einstein said this couldn't be done by 70% of the population*

Einstein said this couldn't be done by...

- |                         |                         |
|-------------------------|-------------------------|
| 50% of the population.  | Easy                    |
| 70% of the population.  | Not easy                |
| 80% of the population.  | More challenging        |
| 98% of the population.  | This is a hard problem. |
| 100% of the population. | (Go ask him for help.)  |

Think you know the answer?  
 For more info on these puzzles, go to  
<http://www.reed.edu/~mcphailb/quest/>

Bush 2004 Campaign  
 Pledges To Restore Honor  
 And Dignity To White  
 House - The Onion

Questions? Blitz: [puzzles@reed.edu](mailto:puzzles@reed.edu)