

## Calcu-Trivia

Solving the equation below should give you a clue as to where you should go next: a particular corner (→) on the map I provided your team. The equation includes 26 unknowns (the letters which are capitalized, italicized, and in Times New Roman font), the values of which must be determined from the statements below (they will all be positive, whole numbers). Once all of the values are known, substitute them into the equation, calculate your answer (using mathematical "order of operations", of course), and proceed. Using a calculator is highly recommended.

### Equation

$$[(T - [L^K - B] \div R) \times (N - M - V) \times D + (U + S + H) \times (W - I) + (C + E + F + O + P + A - X) \div Z]$$

×

$$(\sqrt{Q + G + Y - J - 1})$$

### Statements

*A* = Historically, the number of ".com" domain names registered *before* the one associated with the company whose name is the 23rd entry on page *B* of the *Official Scrabble Players Dictionary (4th ed., paperback)*

*B* = Revelations *W:Y* (New International Version).

*C* = The decimal representation of the "blue" component of the RGB value of the color whose HTML/Web color name is the same as the second half of the title of a 1944 movie whose first word is the chemical element that has an atomic number with value of answer *G*.

*D* = The population (according to the 2000 U.S. Census) of the largest city in the state whose capital sits at *X*.2201° N, *J*.5491° W.

*E* = The number of "first downs" the Auburn Tigers obtained in the 1996 regular football season (exclude the Independence Bowl game played on the last day of that year against Army).

*F* = Street number of the downtown Auburn business whose name is an anagram of the phrase, "rarest things".

*G* = A two digit number which is equal to the value of one of the other letters in this quiz less the value of the Roman numeral associated with that letter.

*H* = The *N*th prime number multiplied by the number of digits in the *Z*th perfect number.

*I* = Among all of the answers of this quiz, the number of 6s present.

$J$  = Two less than the smallest number (greater than 1) that is one less than twice its reverse.

$K$  = The Scrabble tile value of the *Calcu-trivia* letter which equals 3 less than the value of  $E$ .

$L$  = The number an hour hand of a clock would point at if a dart board (with "20" upward) were super-imposed upon the clock's face and the time on the clock was the same as the local time of the famous disaster depicted on the cover of the first album by the rock group that would later record a classic rock song with the lyrics: "...and as we wind on down the road, our shadows taller than our souls..."

$M$  = The sum of the values of the striped billiard balls whose colors are represented on the flag of the country whose International telephone calling code is  $+Q$ .

$N$  = The two-digit designation of the north-south U.S. Interstate highway which runs through the city that is home to the NFL team that won the only Superbowl in which the losing team had a score of  $A$ .

$O$  = The year in which the population of Auburn, Alabama (according to the U.S. Census Bureau) was equal to the ZIP Code of a city in Florida, the name of which is the same as a region in Georgia which was originally known as Cass County.

$P$  = The total number of pips in a set of Double-Six dominoes.

$Q$  = One more than the jersey number of Michael Jordan when he played for the Chicago Bulls during the 1994-95 season (hint: *not* his more famous number "23").

$R$  = The number of times that the word "the" appears in the first stanza of the song which was first published under the title "Defense of Fort McHenry".

$S$  = The number of different ways the 12 Pentomino pieces may be fit into a  $A \times I$  rectangle.

$T$  = The total cost of all the property on a Monopoly board divided by the Percent Daily Value of riboflavin 1 serving of Frosted Strawberry Pop-Tarts provides.

$U$  = The number of standard LEGO bricks that would need to be stacked together to equal the height of the famed architectural monument in the city that is home to the team that lost the World Series when the "Curse of the Bambino" was snapped. Hint: the digits in this answer are "00126".

$V$  = The number which would appear last on an alphabetical list of *all* positive, whole numbers if we still wrote them as Julius Ceasar did.

$W$  = The square root of the decimal value of this ASCII character "©".

$X$  = The square root of the year in which a particular man became President of the United States. If a list of all U.S. Presidents was arranged alphabetically according to first names, this man would be last on the list.

$Y$  = The number of letters in the full name of the business located at 114 West Magnolia Avenue in Auburn.

$Z$  = Three more than the number of answers in this quiz that are three digits in length.