

A Number Game Key

This puzzle originally consisted of 24 "equations" by Will Shortz, printed in the May-June 1981 issue of Games magazine, with an acknowledgment to Morgan Worthy. Many people have now added to the list of equations. The 24 original ones are starred (*) below.

- 0 = D. C. at which W. F.
(Degrees Centigrade at which Water Freezes)
0 = the H. (the Hero)
0 = T. (Tolerance)
- 1 = S. S. for a M. (Small Step for a Man)
1 = G. L. for M. (Giant Leap for Mankind)
1 = W. on a U. (Wheel on a Unicycle *)
1 = if by L. (if by Land)
- 2 = if by S. (if by Sea)
2 = H. in a W. (Halves in a Whole)
2 = H. of C. (Houses of Congress)
2 = N. it T. to T. (Number it Takes to Tango)
2 = N. in a D. (Nickels in a Dime)
2 = Q. in a H.-D. (Quarters in a Half-Dollar)
2 = P. in a P. (Peas in a Pod)
2 = W. that D.'t M. a R.
(Wrongs that Don't Make a Right)
- 3 = B. M. (S. H. T. R.!)
(Blind Mice, See How They Run! *)
3 = B. in "G." (Bears in "Goldilocks")
3 = B. of the U. S. G.
(Branches of the United States Government)
3 = F. in a Y. (Feet in a Yard)
3 = L. P. (Little Pigs)
3 = L. on a T. (Legs on a Tripod)
3 = M. and a B. (Men and a Baby)
3 = P. in a H. G. (Periods in a Hockey Game)
3 = R. in a C. (Rings in a Circus)
3 = S. and Y.'re O. (Strikes and You're Out)
3 = S. in a T. (Sides in a Triangle)
3 = S. to the W. (Sheets to the Wind)
3 = W. on a T. (Wheels on a Tricycle)
- 4 = H. of the A. (Horsemen of the Apocalypse)
4 = Q. in a F. G. (Quarters in a Football Game)
4 = Q. in a G. (Quarts in a Gallon *)
4 = Q. in a G. (Quadrants in a Graph)
4 = S. in a D. of C. (Suits in a Deck of Cards)
4 = W. on a C. (Wheels on a Car)
- 5 = D. in a Z. C. (Digits in a Zip Code *)
5 = F. on a H. (Fingers on a Hand)
5 = G. L. (Great Lakes)
5 = P. in a N. (Pennies in a Nickel)
5 = S. in a P. (Sides in a Pentagon)
5 = T. on a F. (Toes on a Foot)
- 6 = S. in a H. (Sides in a Hexagon)
6 = of O. and a H. D. of the O.
(of One and a Half Dozen of the Other)
- 7 = C. in a R. (Colors in a Rainbow : ROYGBIV)
7 = D. in "S. W." (Dwarfs in "Snow White")
7 = D. of S. from K. B.
(Seven Degrees of Separation from Kevin Bacon)
7 = W. of the A. W. (Wonders of the Ancient World *)
- 8 = L. on a S. (Legs on a Spider)
8 = L. on an O. (Legs on an Octopus)
8 = S. in a O. (Sides in a Octagon)
8 = S. on a S. S. (Sides on a Stop Sign *)
- 9 = I. in a B. G. (Innings in a Baseball Game)
9 = J. on the U. S. S. C.
(Justices on the United States Supreme Court)
9 = L. a C. has (Lives a Cat has)
9 = P. in the S. S. (Planets in the Solar System *)
- 10 = A. in the B. of R. (Amendments in the Bill of Rights)
10 = C. given. to M. (Commandments given to Moses)
10 = D. in a T. N. with the A. C.
(Digits in a Telephone Number with the Area Code)
10 = F. in B. (Frames in Bowling)
10 = L. I. B. (Little Indian Boys)
10 = Y. in a D. (Years in a Decade)
- 11 = P. on a F. T. (Players on a Football Team *)
- 12 = D. of C. (Days of Christmas)
12 = K. of the R. T. (Knights of the Round Table)
12 = S. of the Z. (Signs of the Zodiac *)
- 13 = a B.'s D. (a Baker's Dozen)
13 = O. C. (Original Colonies)
13 = S. on the A. F. (Stripes on the American flag *)
- 15 = M. of F. per P (Minutes of Fame per Person)
15 = M. on a D. M.'s C. (Men on a Dead Man's Chest)
- 16 = O. in a P. (Ounces in a Pound)
- 18 = H. on a G. C. (Holes on a Golf Course *)
- 20 = F. and T. (Fingers and Toes)
20 = Y. S. by R. V. W. (Years Slept by Rip Van Winkle)

A Number Game Key Continued

21 = D. on a D. (Dots on a Die)

21 = G. S (Gun Salute)

22 = C-22 (Catch-22)

24 = H. in a D. (Hours in a Day *)

25 = P. in a Q. (Pennies in a Quarter)

26 = L. of the A. (Letters of the Alphabet *)

28 = D. in F. (Days in February)

29 = D. in F. in a L. Y.

(Days in February in a Leap Year *)

32 = D. F. at which W. F.

(Degrees Fahrenheit at which Water Freezes *)

40 = D. and N. of the G. F.

(Days and Nights of the Great Flood *)

50 = S. in the U. (States in the Union)

52 = W. in a Y. (Weeks in a Year)

52 = C. in a D. (Cards in a Deck)

54 = C. in a D. (with the J.)

(Cards in a Deck with the Jokers *)

57 = H. V. (Heinz Varieties *)

60 = S. in a M. (Seconds in a Minute)

64 = S. on a C.

(Squares on a Chessboard (checkerboard) *)

76 = T. L. the B. P. (Trombones Led the Big Parade)

80 = D. to G. A. the W. (Days to Go Around the World)

88 = P. K. (Piano Keys *)

90 = D. in a R. A. (Degrees in a Right Angle *)

99 = B. of B. on a W. (Bottles of Beer on a Wall)

100 = C. in a D. (Cents in a Dollar)

100 = D. C. at which W. B.

(Degrees Centigrade at which Water Boils)

100 = Y. in a F. F. (Yards in a Football Field)

101 = D. (Dalmatians)

200 = D. for P. G. in M.

(Dollars for Passing Go in Monopoly *)

365 = D. in a Y. (Days in a Year)

366 = D. in a L. Y. (Days in a Leap Year)

435 = S. in the H. of R.

(Seats in the House of Representatives)

500 = F.500 C. (Fortune 500 Companies)

1000 = P. of L. (Points of Light)

1000 = W. that a P. is W.

(Words that a Picture is Worth *)

1001 = A. N. (Arabian Nights *)

1760 = Y. in a M. (Yards in a Mile)

2001 = a S. O.(a Space Odyssey)

5280 = F. in a M. (Feet in a Mile)

20,000 = L. U. the S. (Leagues Under the Sea)

1,000,000 = D. Y. W. to be a ___ aire?

(Do You Want to be a Millionaire?)