The Diamond Tree Challenge
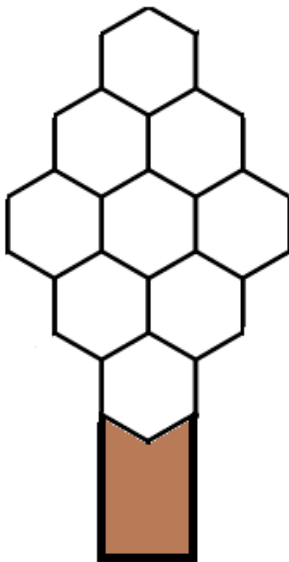## By Mike Shenk in *GAMES* May 2005

Challenge #1

Place the digits from 1 to 9 in the nine hexagons so that no two adjacent hexagons contain either consecutive numbers or numbers whose names contain the same number of letters.
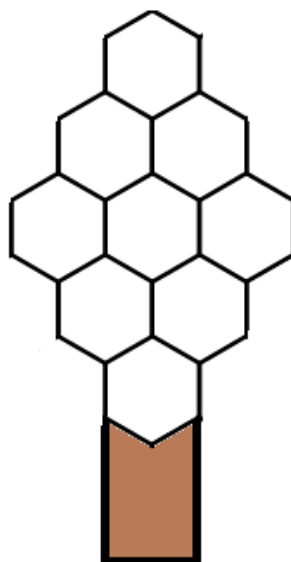
Challenge #2

Place the digits from 1 to 9 in the nine hexagons so that no two adjacent hexagons contain digits whose sum is a multiple of four or five.
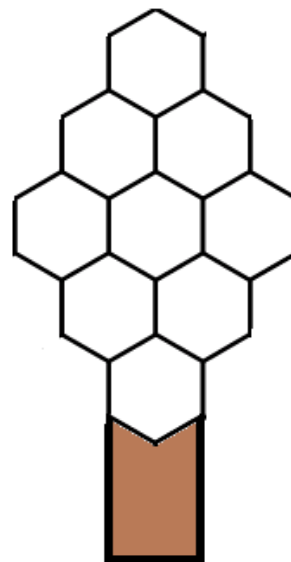
Challenge #3

Place the digits from 1 to 9 in the nine hexagons so that the total of the digits in the hexagons adjacent to any given hexagon is a multiple of the digit in the given hexagon.

Challenge
#1

Challenge
#2

Challenge
#3