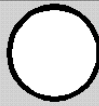




Self-Referential Puzzles

by
John L. Lehet

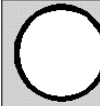

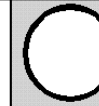
Puzzle #1

place a number, 0,1,2 or 3, in each of the three circles
so when complete, the statement below each circle is true
numbers can used once, twice or not at all

		
number of circles with a number > 2	number of circles with a number < 2	number of circles with a number $= 2$



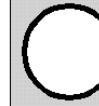

Puzzle #2

place a number, 0,1,2 or 3, in each of the three circles
so when complete, the statement below each circle is true
numbers can used once, twice or not at all

		
number of circles with a number ≥ 1	number of circles with a number ≤ 1	number of circles with a number $\neq 1$

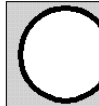

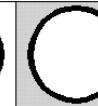
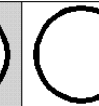
Puzzle #3

place a number, 1,2 or 3, in each of the four circles
so when complete, the statement below each circle is true
numbers can used once, twice or not at all

			
number of circles with an odd number	number of circles with an even number	number of circles with a number > 2	number of circles with a number < 2

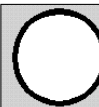

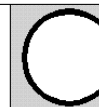

Puzzle #4

place a number, 1,2 or 3, in each of the four circles
so when complete, the statement below each circle is true
numbers can used once, twice or not at all

			
number of circles with an odd number	number of circles with an even number	number of circles with a number > 1	number of circles with a number < 2

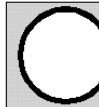

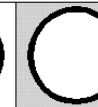
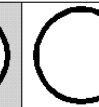
Puzzle #5

place a number, 0,1,2 or 3, in each of the four circles
so when complete, the statement below each circle is true
numbers can used once, twice or not at all

			
number of circles with a 0	number of circles with a 1	number of circles with a 2	number of circles with a 3

Puzzle #6

place a number, 0,1,2 or 3, in each of the four circles
so when complete, the statement below each circle is true
numbers can used once, twice or not at all

			
number of circles with a 0	number of circles with a number > 1	number of circles with a number < 2	number of circles with a 3