Gordon Burgin's Puzzles

October 2025 solution

Puzzle One

This puzzle has four larger interconnecting circles with each divided into four quadrants.

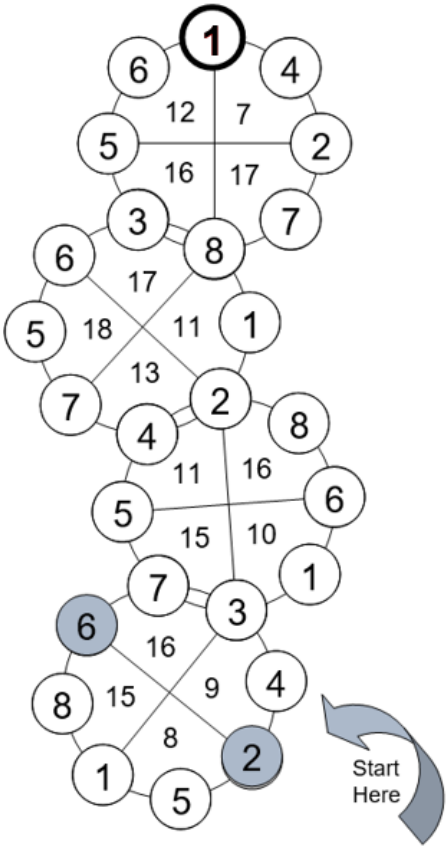
The number in each quadrant represents the sum of the three values in the smaller outer circles associated with that quadrant.

In the eight smaller circles surrounding each of the larger circles, their values can only be 1 to 8 with no duplications.

Starting at the bottom and working upwards in the diagram, as shown, find the value of '?' in the smaller circle at the top of the diagram.

Two values have been provided to get you started.

Answer = 1



Puzzle Two

A corporate businessman has two cubes on his office desk, shown below. Every day he arranges both cubes so that the front faces show the current day of the month What numbers are on the faces of each cube to allow this?

Cube One has the following numbers: 0, 1, 2, 3, 4, 5

Cube two has the following numbers: 0, 1, 2, 6, 7, 8

The 6 doubles as a 9 when turned up-side down.

There is no day 00, but you still need the 0 on both cubes in order to make all the numbers between 01 and 09.

Alternate solutions are also possible e.g.
Cube One: 0,1, 2, 4, 5, 6
Cube Two: 0,1, 2, 3, 7, 8

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