



Gordon Burgin's Puzzles

Mind-Xpander Logic

Puzzle one

Solve the following equation if **N**, **O** & **G** are single digit numbers and **NO** & **GN** are double digit numbers. Find the values for **N**, **O** & **G**.

$$\text{NO} + \text{NO} + \text{NO} + \text{NO} = \text{GN}$$

Puzzle two

A ball travels a certain distance before bouncing, half as far before the next bounce, and so on. If it has traveled 93 meters at the fifth bounce, how far was the first bounce?



Puzzle three

With Gear #1 stationary, how many complete turns does the right gear (#2) make to go around the left gear (#1) once?

