

**HIDDEN RODS RIDDLES
2006**

**Odd number of rods
No duplicates
W=1
4 times the longest = 6 x middle
Train is less than 8**

**2 rods
longest < 7
shortest x 3 > 10
sum of 2 rods is an odd number
total < 10**

**Even number of rods
Train > 5+3
Shortest rod is 1/5 of longest rod
W=1
No duplicates**

**Even number of rods
6 < Train < 10
Shortest rod is 1/3 of the longest rod
Odd number of colors
W=1**

**Three rods
The shortest multiplied by 1 is equal to one
Train < 9
It is an even number**

**Three rods
No duplicates
Longest rod < 15/ 3
Train > 7**

5 rods
sum is < 15
1 duplicate
product of rods = 60
total >10

Train's length is 8
May have twins but pink may not be duplicated
Total number of rods is 3

There are 4 rods in the train
The train's length is equal to 3 light greens

The train is <8
There are 2 rods
The longest rod is < 10-5

No duplicates
The shortest is longer than white
The longest is 2 times the shortest one
Total value is < 11-1

Even number of rods
No duplicates
W = 1
Shortest – longest is < 4
Train = 10

No duplicates
Odd number of rods
The difference between the 2 longest rods is the smallest rod
Longest rod is twice as long as red
Orange = 10
Sum of rods is a multiple of 2

None of the rods are longer than blue
2 sets of duplicates
Smallest rod = orange / yellow
Largest rod = smallest rod + white