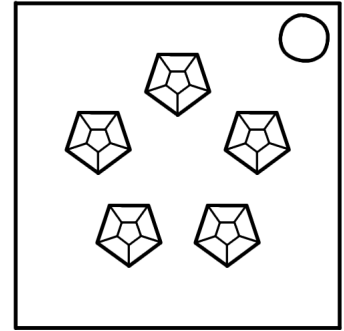


# On the Subject of Perspective Pegs

*Everything is different from the perspective of another.*

## Step 1: Key Colour

- Calculate the alphabetic position difference of the first two letters in the serial number. (A = 1, B = 2, etc.)
- Regard the difference between alphabetic positions to be positive.
- If there are four or more letters in the serial number, add the position difference of the third and fourth letters.
- Look up this number on the **Key Colour** table to obtain a colour.



## Step 2: Sequence Permutation

- Starting from the peg with three or more sides in this colour and proceeding clockwise, read the outermost facing colour of each peg to form a colour sequence of length five; this is the current sequence.
- Determine which column of the **Sequence Permutation** table to use.
- For each entry in the relevant column:
  - If the prime sequence is present in the current sequence, replace the first occurrence with the alternate sequence to form the new current sequence.
  - Otherwise, if the reverse of the prime sequence is present, replace the last occurrence with the reverse of the alternate sequence.
- Finally, take the first three colours in the current sequence to obtain the key sequence.

## Step 3: Key Sequence

- Angle the bomb with one peg close to you and in the centre of your view, then observe the five colours facing you in a line; this is the candidate sequence for this view.
- The key sequence is present in one of the five candidate sequences exactly once, either forward or reverse.
- Locate the candidate sequence that contains the key sequence, and press the three pegs representing the key sequence in order.
- If the key sequence is the same backwards as it is forwards, you can press the three pegs in either forward or reverse order.

### Table 1.1 Key Colour

Regard the difference between alphabetic positions to be positive.

Take the least significant digit of the number, and look up in the table:

0	3	Red	5	8	Blue
4	9	Yellow	2	6	Purple
1	7	Green			

### Table 1.2 Sequence Permutation

R - Red, Y - Yellow, G - Green, B - Blue, P - Purple

Determine which column to use based on battery count.

Perform permutations from top to bottom:

1 - 2 Batteries		3 - 4 Batteries		0, 5+ Batteries	
Prime	Alternate	Prime	Alternate	Prime	Alternate
R Y Y	B P Y	B P B	Y B G	P Y B	R G B
Y P G	P B R	Y Y P	B R P	Y R P	R Y R
R G P	B G R	G R B	Y P B	G Y R	G B P
Y B G	B Y Y	R P Y	G B G	B Y G	P G R
P P R	R Y P	Y G G	P B R	R P Y	G Y B
B G B	P Y G	G P B	Y G Y	P P G	P B R
Y G B	G P Y	P R P	B B G	R Y Y	B B R
P G G	G Y R	R Y R	R P B	Y G P	P Y Y