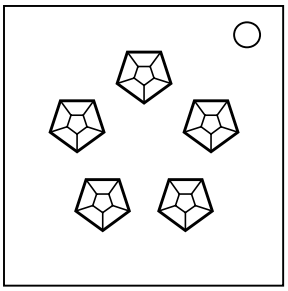
On the Subject of Perspective Pegs



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
4	9	Yellow
1	7	Green

5	8	Blue
2	6	Purple

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	
Prime	Alternate
R Y Y	B P Y
Y P G	P B R
R G P	B G R
Y B G	B Y Y
P P R	R Y P
B G B	P Y G
Y G B	G P Y
P G G	G Y R

3 - 4 Batteries	
Prime	Alternate
B P B	Y B G
Y Y P	B R P
G R B	Y P B
R P Y	G B G
Y G G	P B R
G P B	Y G Y
P R P	B B G
R Y R	R P B

0, 5+ Batteries	
Prime	Alternate
P Y B	R G B
Y R P	R Y R
G Y R	G B P
B Y G	P G R
R P Y	G Y B
P P G	P B R
R Y Y	B B R
Y G P	P Y Y