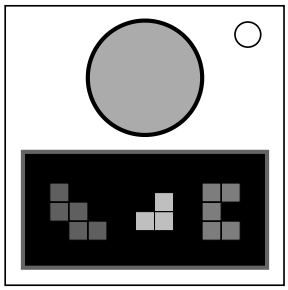
# On the Subject of The Blue Button



*This is a button. It is blue.*

**Stage 1:** Note the cyclic sequence C of polyominoes and their colors. Place them on a toroidal[1] 5×4 grid Z such that same-color polyominoes do not touch orthogonally. Tap the button.

**Stage 2:** Find three consecutive polyominoes J, K, L in C whose colors occur consecutively in this cyclic sequence of N colors. Translate the color Q after the one corresponding to L to a permutation of suits P (table 1). Tap when Q is highlighted.

| Q | P |
|---|---|
| blue | ♠♥♣ |
| green | ♠♣♥ |
| cyan | ♥♠♣ |
| red | ♥♣♠ |
| magenta | ♣♠♥ |
| yellow | ♣♥♠ |

Table 1

**Stage 3:** The absolute differences between each equation's true result and the one shown are N, D, X, M (in that order). Tap the button M times.

| | A < R | A > R |
|---|---|---|
| B < R | swap 1 & 2 | swap 2 & 3 |
| B > R | swap 3 & 4 | submit |

Table 2

**Stage 4:** Press the button four times, with time intervals R, A, B between presses, to perform an action (table 2). Swap the suits such that diamonds is at position D and the remaining suits are in order P. Then convert the fillings, left to right, to numbers E, F, G, H (table 3). Submit to proceed to the next stage.

|  |  |  |  |
|---|---|---|---|
| 0 | 1 | 2 | 3 |

Table 3

**Stage 5:** Find S, the Xth tile in K in reading order, within Z, and T, U, V, W, the next 4 tiles going right-from S. Move S, T, U and V down by E, F, G and H, respectively. Translate S, T, U, V, W to letters by noting which of their edges are edges of a polyomino (table 4). Use the underlined letter if a tile is part of a pentomino[2]. Enter the resulting word by tapping the button when the correct sections of the alphabet and individual letters are highlighted.

| | | | |
|---|---|---|---|
| Z | MV | X | |
| DY | NL | UB | KJ |
| AR | | SO | EP |
| CF | IT | HG | WQ |

Table 4

Hold the button to return to stage 1.

[1] The grid wraps around both horizontally and vertically.

[2] A polyomino consisting of exactly 5 tiles.