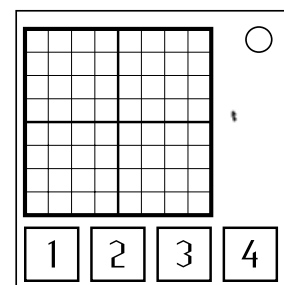


On the Subject of Blasting Bitmaps

Over 18 quintillion combinations, only some of them actually matter.

- A combination of 64 pixels will appear on the grid.
- Each pixel can be black or white.
- There are 4 buttons underneath the grid labeled 1, 2, 3, and 4.
- Figure out which button to press by following the steps below.
- The amount of black pixels in top-left, top-right, bottom-left and bottom-right is referred to as **A**, **B**, **C** and **D** respectively.



| # | Condition | Button |
|---|----------------------|--------|
| 1 | $A + B > 16$ | 2 |
| 2 | $A + B + C + D < 32$ | 4 |
| 3 | $C + D < 16$ | 1 |
| 4 | $B + D > 15$ | 2 |
| 5 | $A < 16$ | 3 |
| 6 | $A + C > 16$ | 1 |
| 7 | Ser. # has a vowel | 3 |
| 8 | # Bat. > 2 | 4 |
| 9 | Otherwise | 2 |