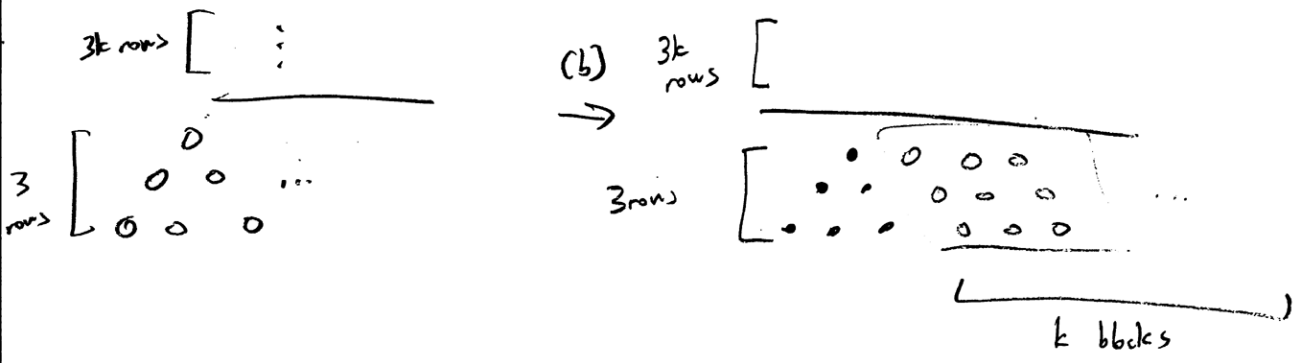
Flip the first 6 with sequence (b), then divide into blocks



Flip all blocks as in case #2. This method works for all $n = 3k+3$ given $n=3k$ works. Since $n=3$ works, all $n \equiv 0 \pmod 3$ works, for $n \in \mathbb{Z}^+$.

Only cases where $n \equiv 0 \pmod 3$ and $n \equiv 2 \pmod 3$ work.

$$\boxed{n \equiv 0 \pmod 3 \text{ or } n \equiv 2 \pmod 3}$$