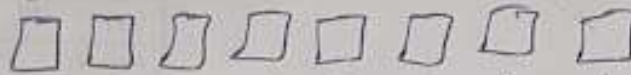


011

2^7 2^6 2^5 2^4 2^3 2^2 2^1 2^0



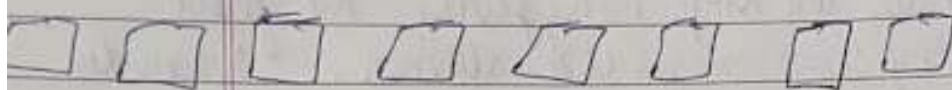
→ byte

Date

Page No.

Shivalal

128 64 32 16 8 4 2 1



→ redstone lamp
(Minecraft)

states → on / off

different voltages [varying length redstone signal]



→ 0 1 0 0 0 0 0 0 (state)

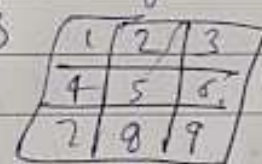
128 64 32 16 8 4 2 1 (no represent)

↓

represents A in ash

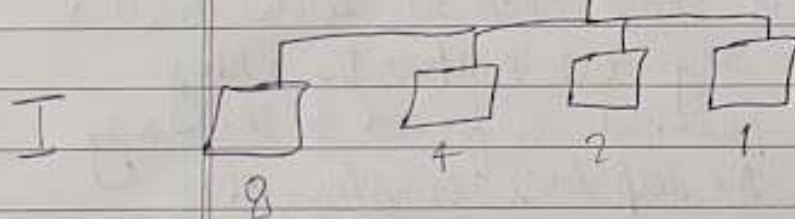
lever → redstone lamp (or any redstone signal taken)

keypad ← keypad → represents



→ keypad

connected to



clicking 9 turns on 1 & 8

$$7 = 1 + 2 + 4$$

$$6 = 4 + 2$$

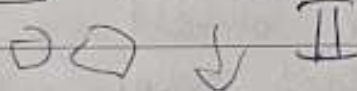
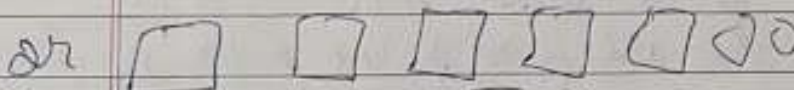
$$5 = 2 + 4 + 1$$

$$4 = 4$$

$$3 = 2 + 1$$

$$2 = 2$$

$$1 = 1$$



much simpler
(one light for one digit)

8 redstone levels

To complicate or improve I, we replace the second level residue lamps (also lamps) with lamps placed in shape of actual numbers

