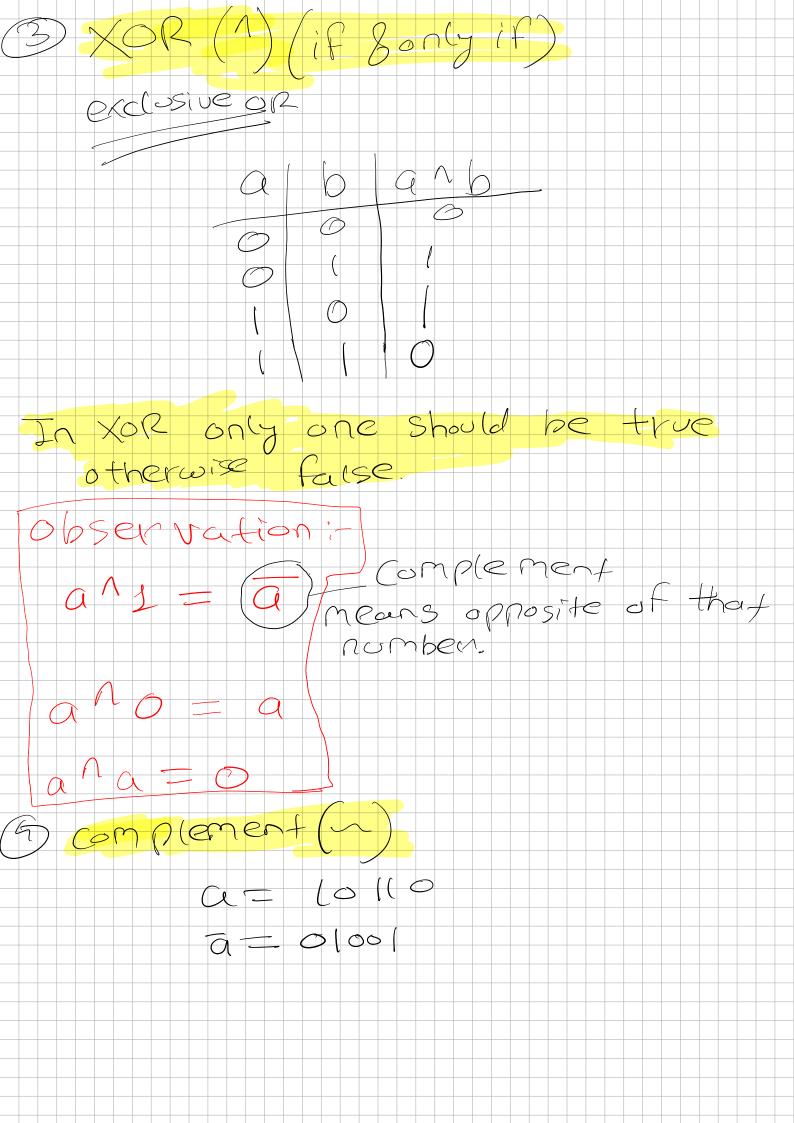
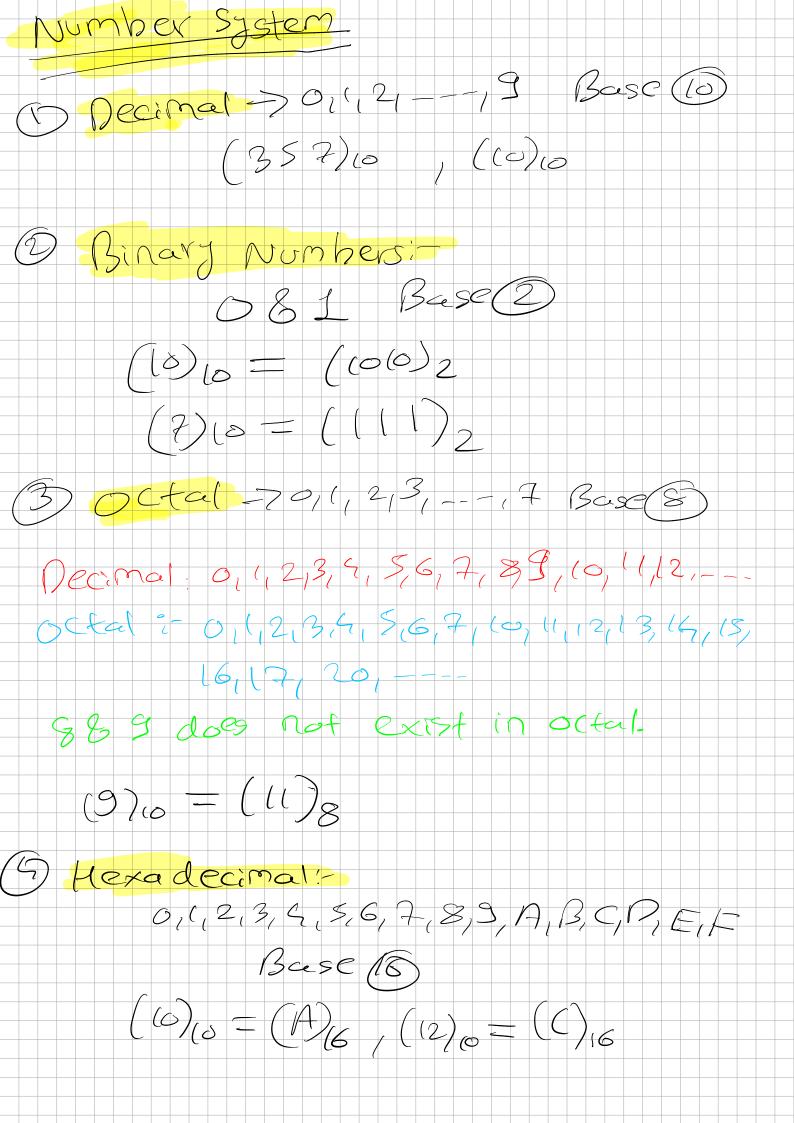
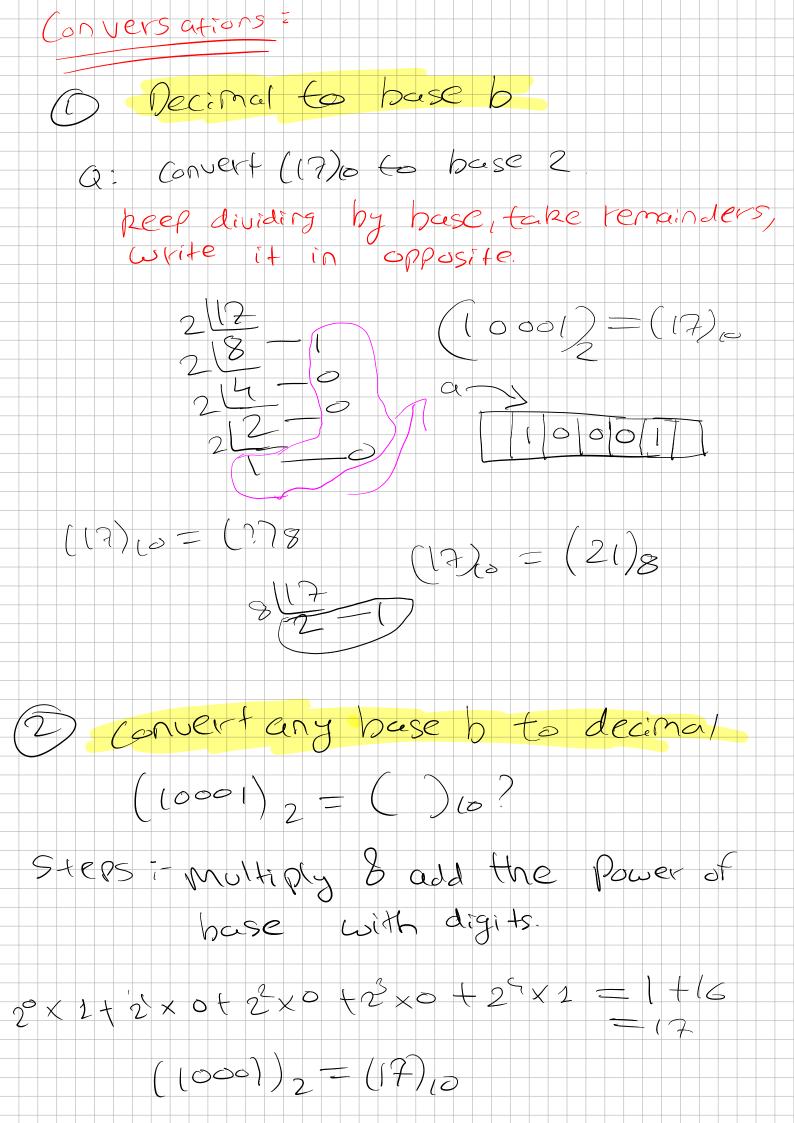
Bit - Mani pulation A Operators - Ca 101a86 DAND o o o both Should be Dunen you & 1 with any number, digits remains the same 1010100 1101000 (2) 0D 19026 In OR anyone Should be true, both true is cesso true otherwise it is false







 $Q - (20)_8 = ()_{60}$ 80 x (+ 8) x 2 = 1 + 16 (20)8 = (17)0If we want to convert base 2 to hose 8 then convert the bose e no decimal & then decimal to hase 8. Continuing with operators, 5 Left Shift operation (<<) $((c)_{(o)} - (colo)_{2}$ 10 66 1 Step: 4660 LL1 = 10100 2 x 0 + 2 x 0 + 2 x 1 + 2 x 0 + 2 x (0+0+4+0+6 $\frac{1}{2} \quad \alpha < 42 + 2\alpha$ the left shift operator will do oble that number. (incresing it's entire hose)

A Crencial Pointia < < b = a × 20 Right Shift; >> 00110011 >> 1 => (001100) ignored (009(1234)) = (11234)(ignored) => Same for cell number System Questions :-O Given a no. And if it is even or only Point: Every no is calculated in binary form internally. 12+7=> ((00 (19) 10 = (100(1) 2 2 ×1 + 2 ×1 + 2 × 1 = 1 + 2 + 16

