| **Computing Fundamentals & Programming**  ***Section*: BSCE2021 Assignment # 2 *Total marks*: 100**  ***Name*** : ***Muhammad*** ***Abubakar Saif Roll number* : *BSCE21017*** |
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***Submission:***

• *Email instructor or TA if there are any questions. You cannot look at others’ solution or use others’ solution, however, you can discuss it with each other. Plagiarism will lead to a straight zero with additional consequences as well.*

*• Submission after due time will not be accepted.*

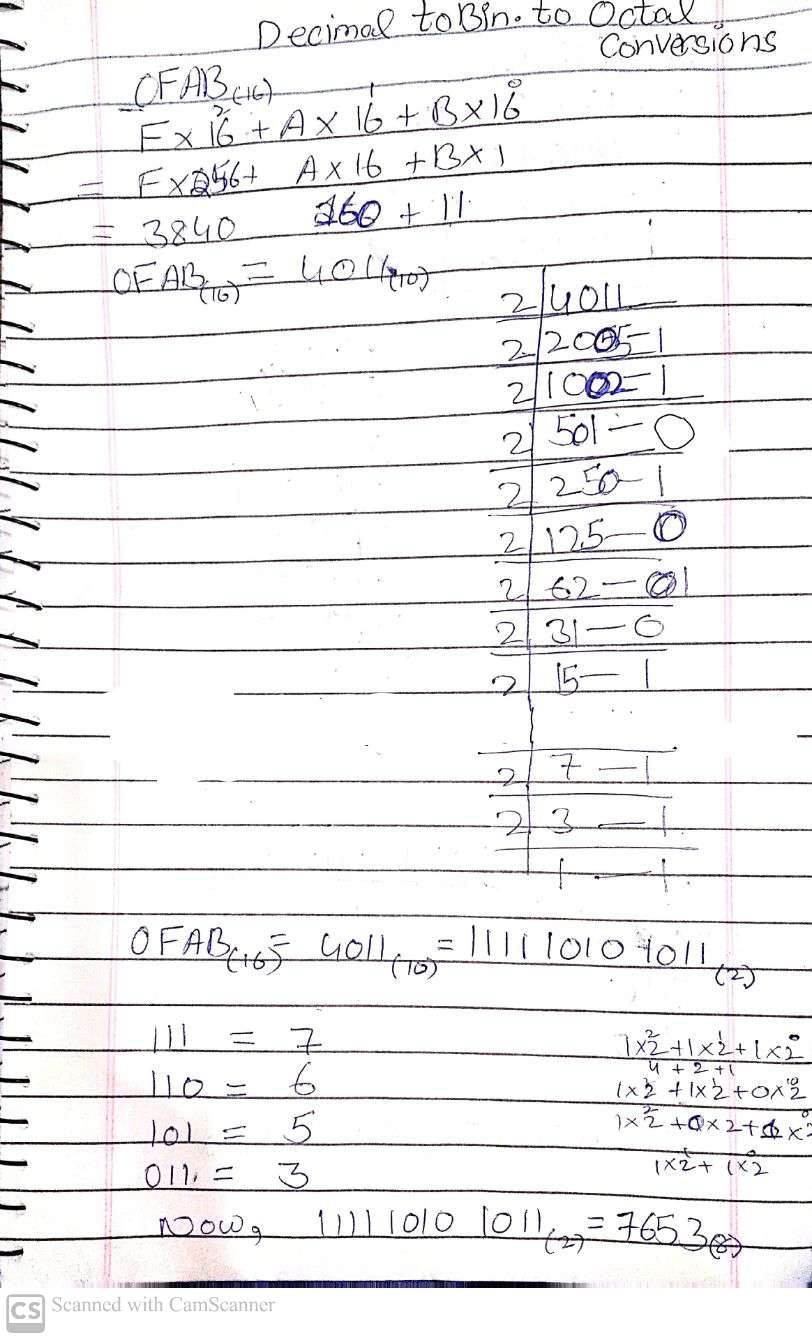
**Task:**

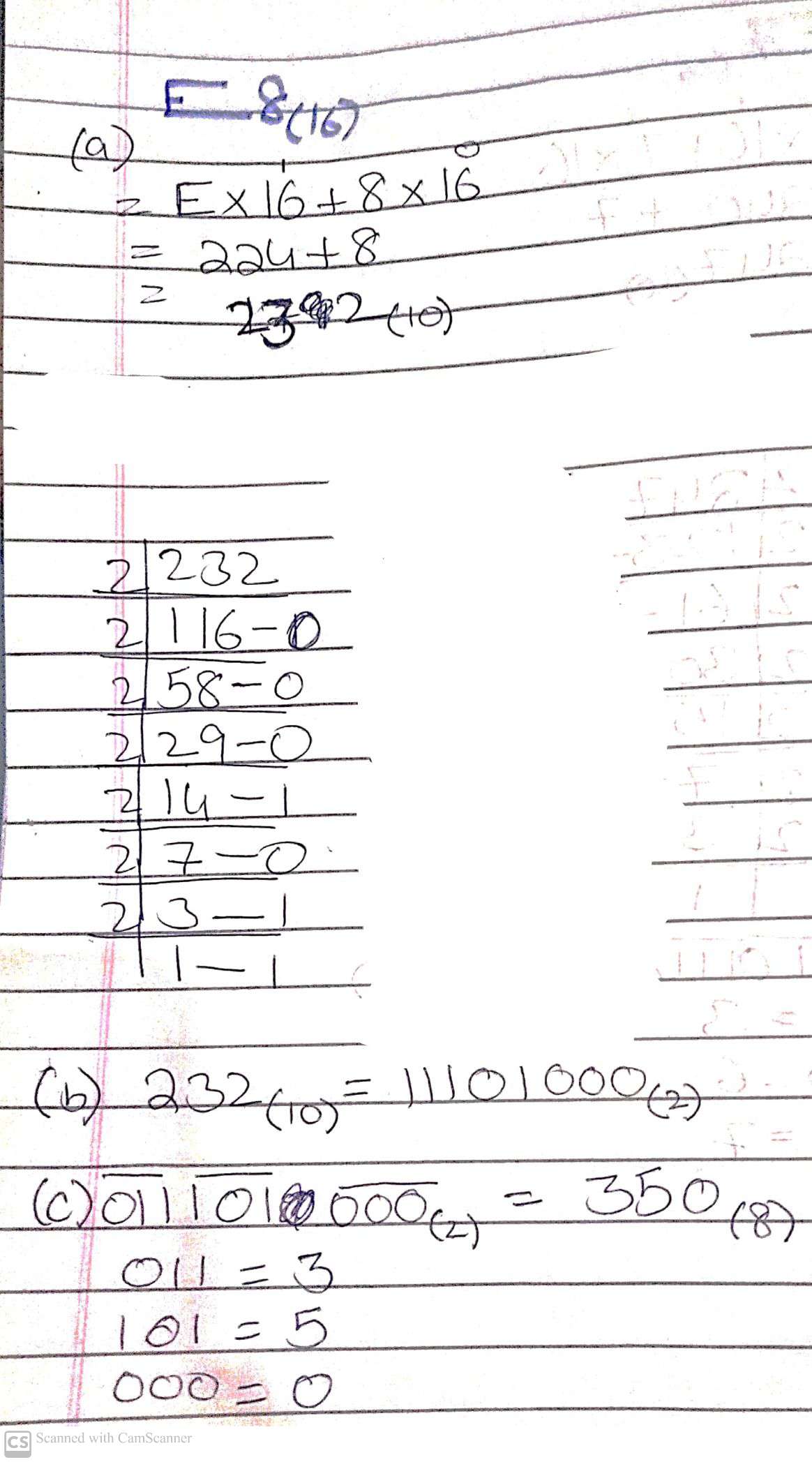
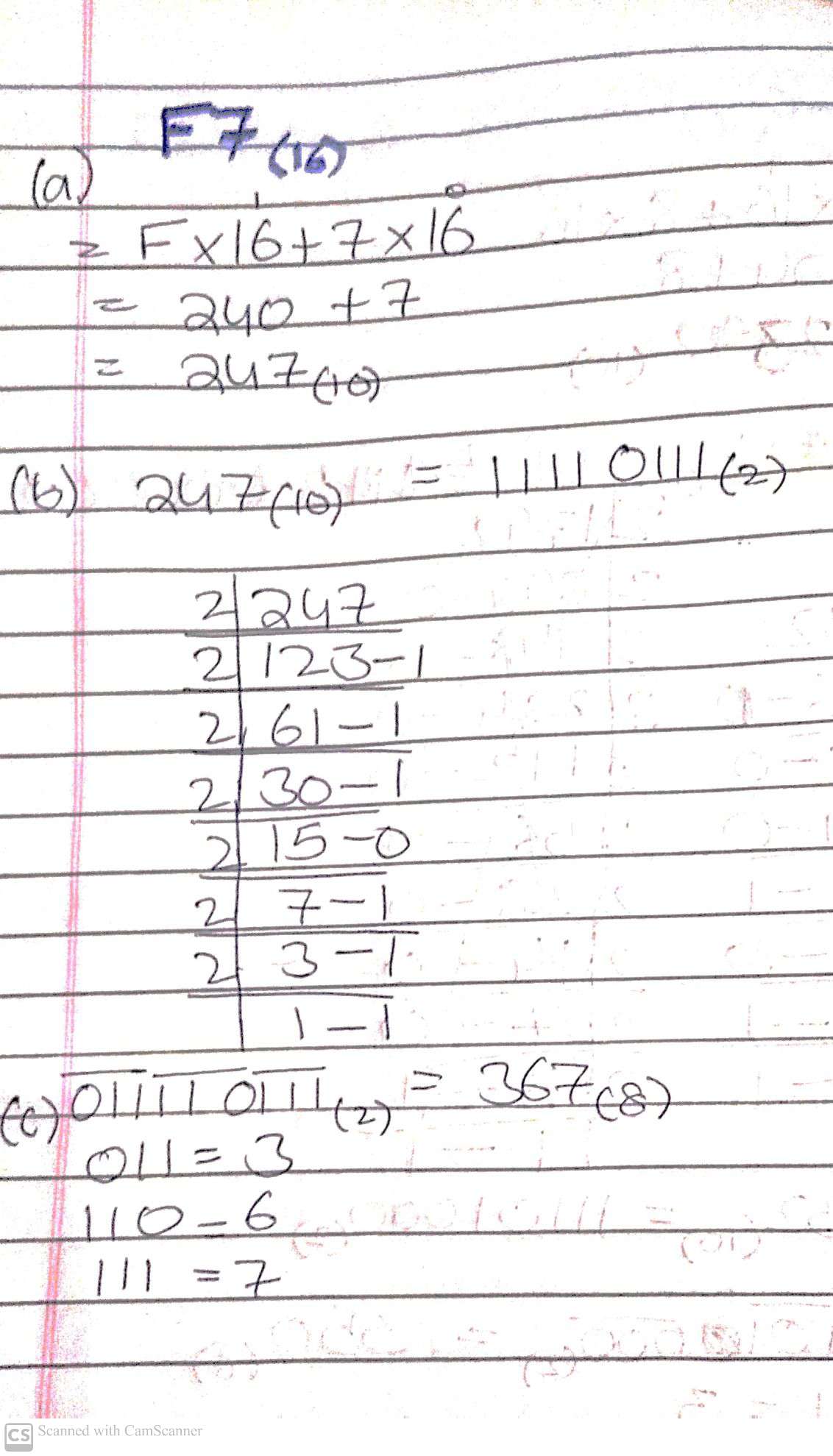
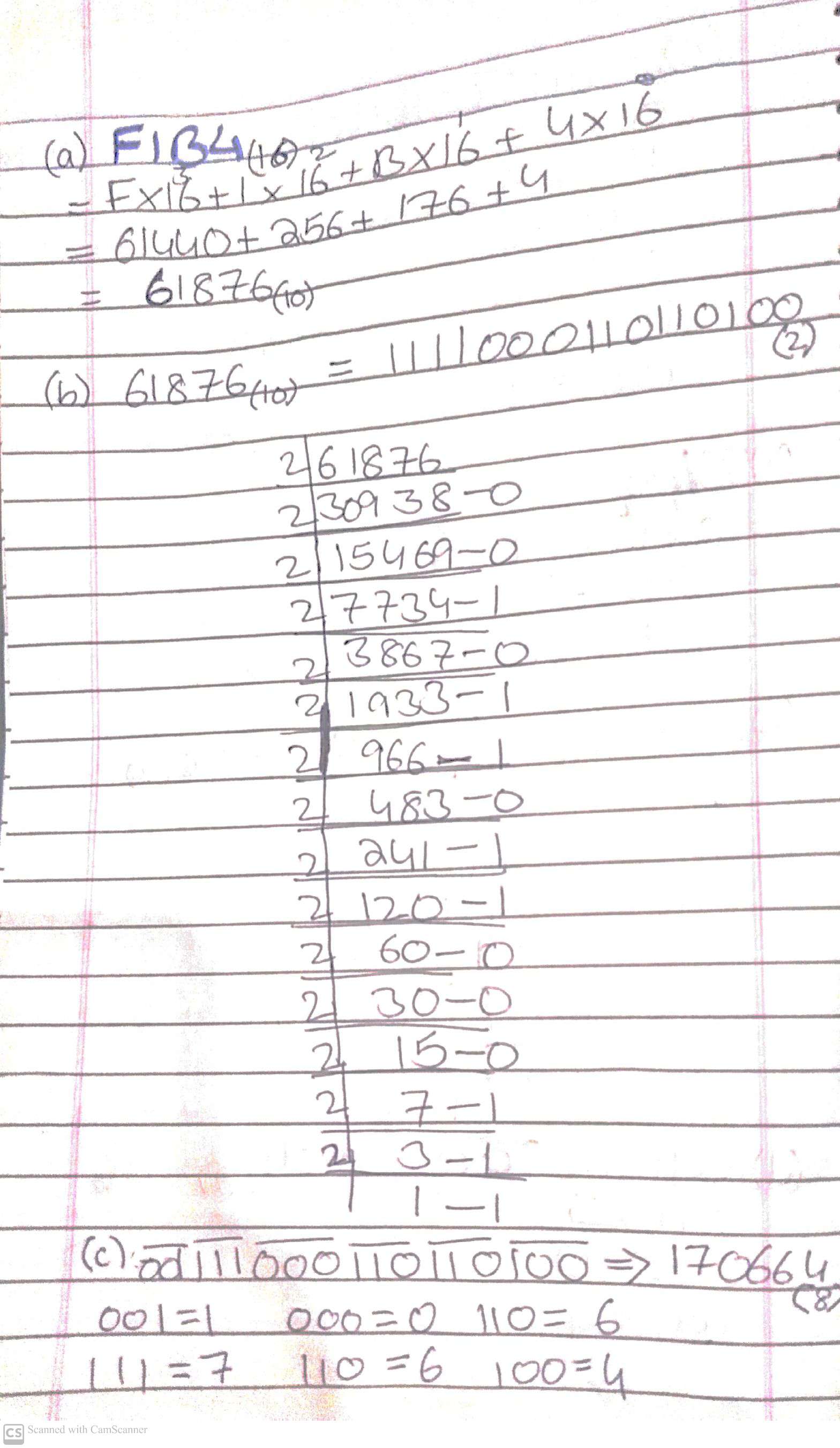
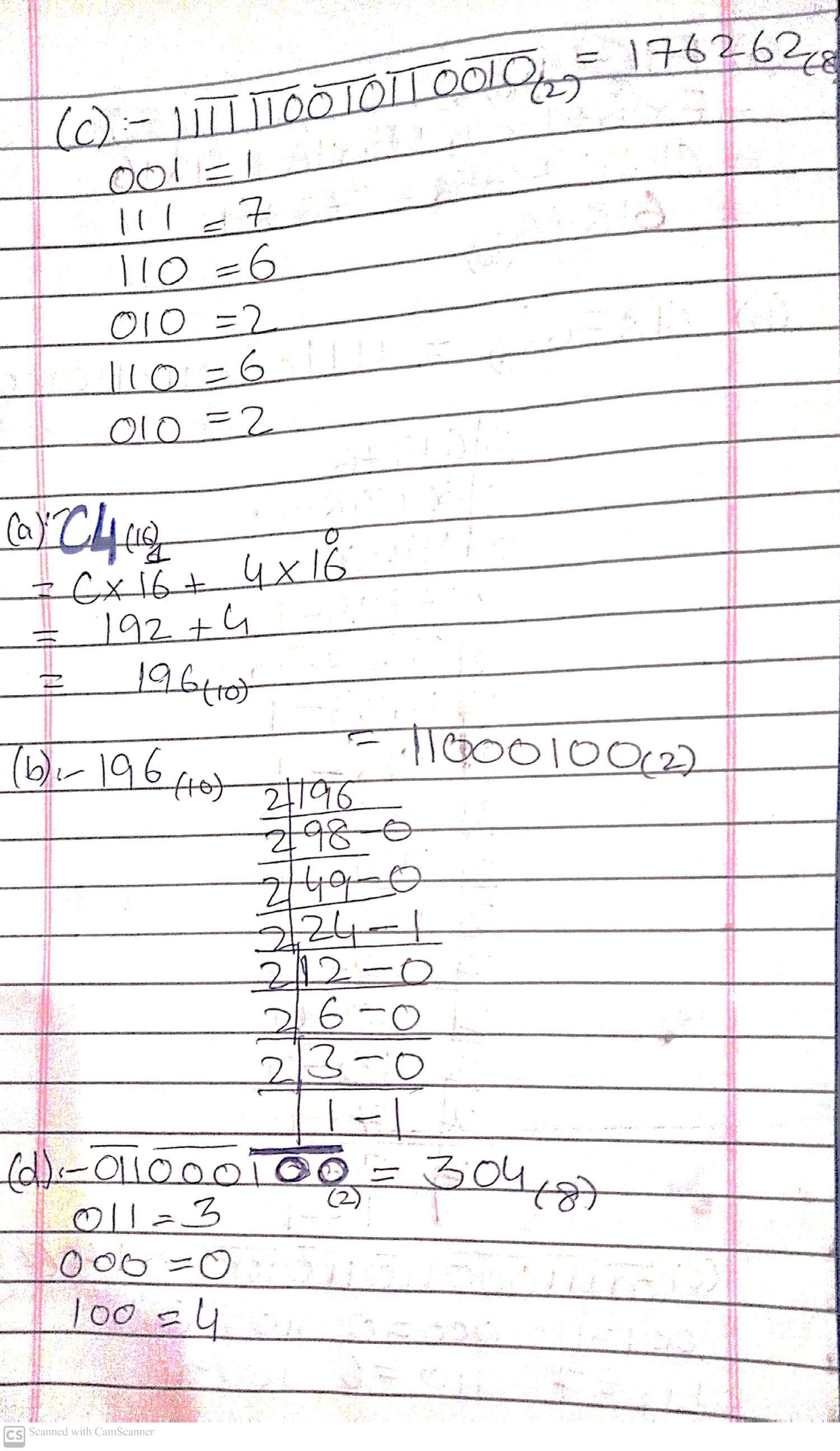
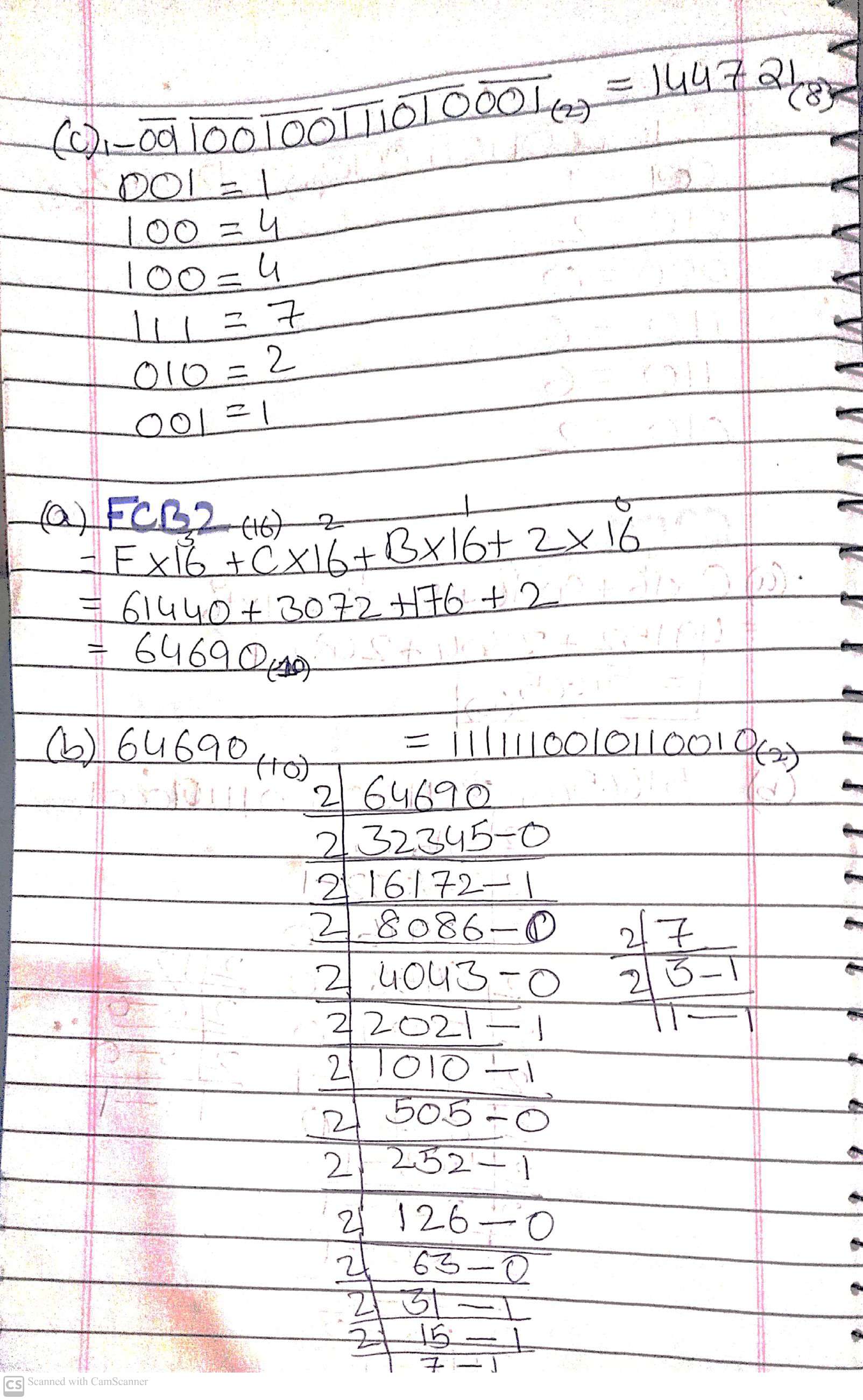
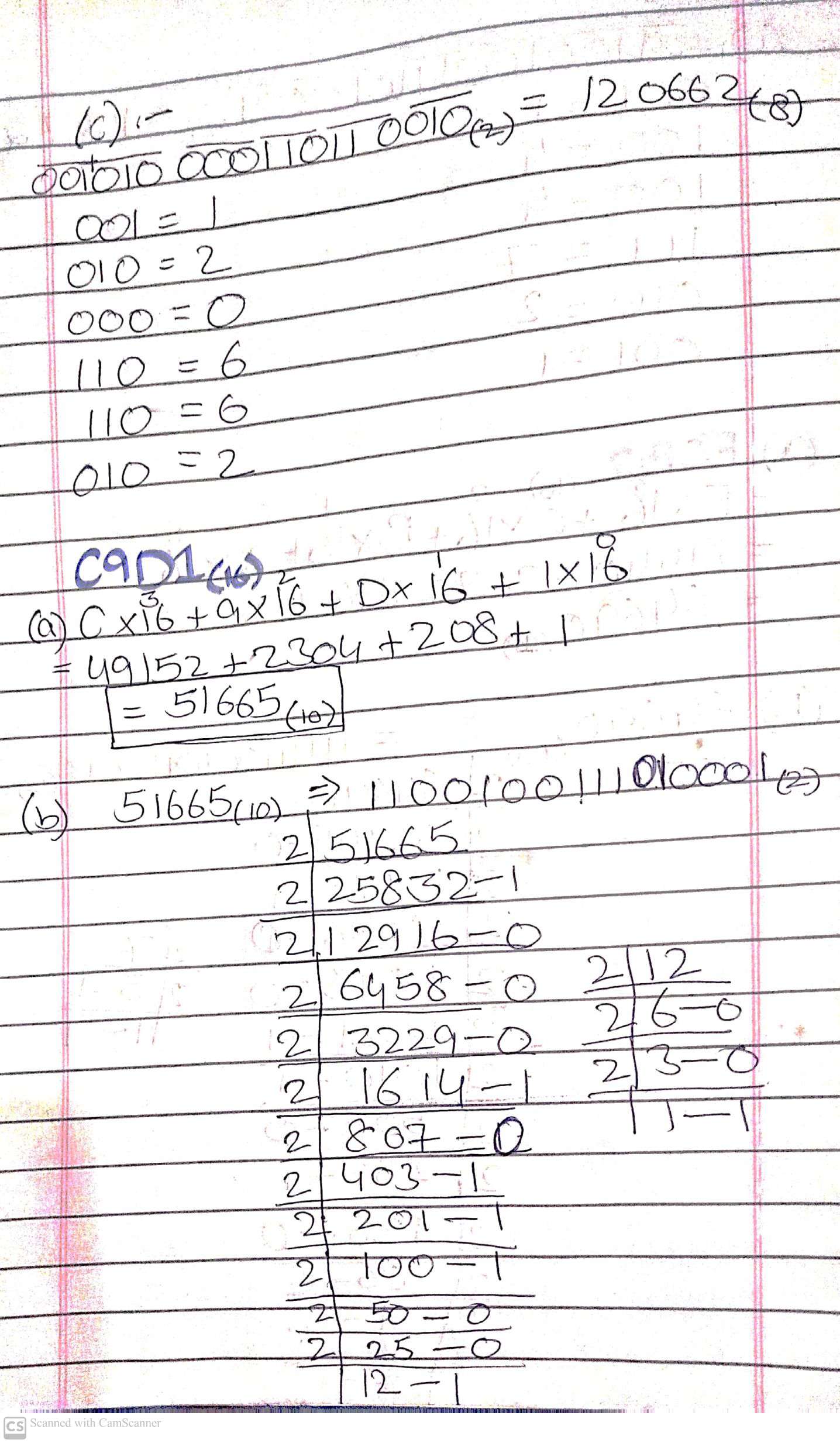
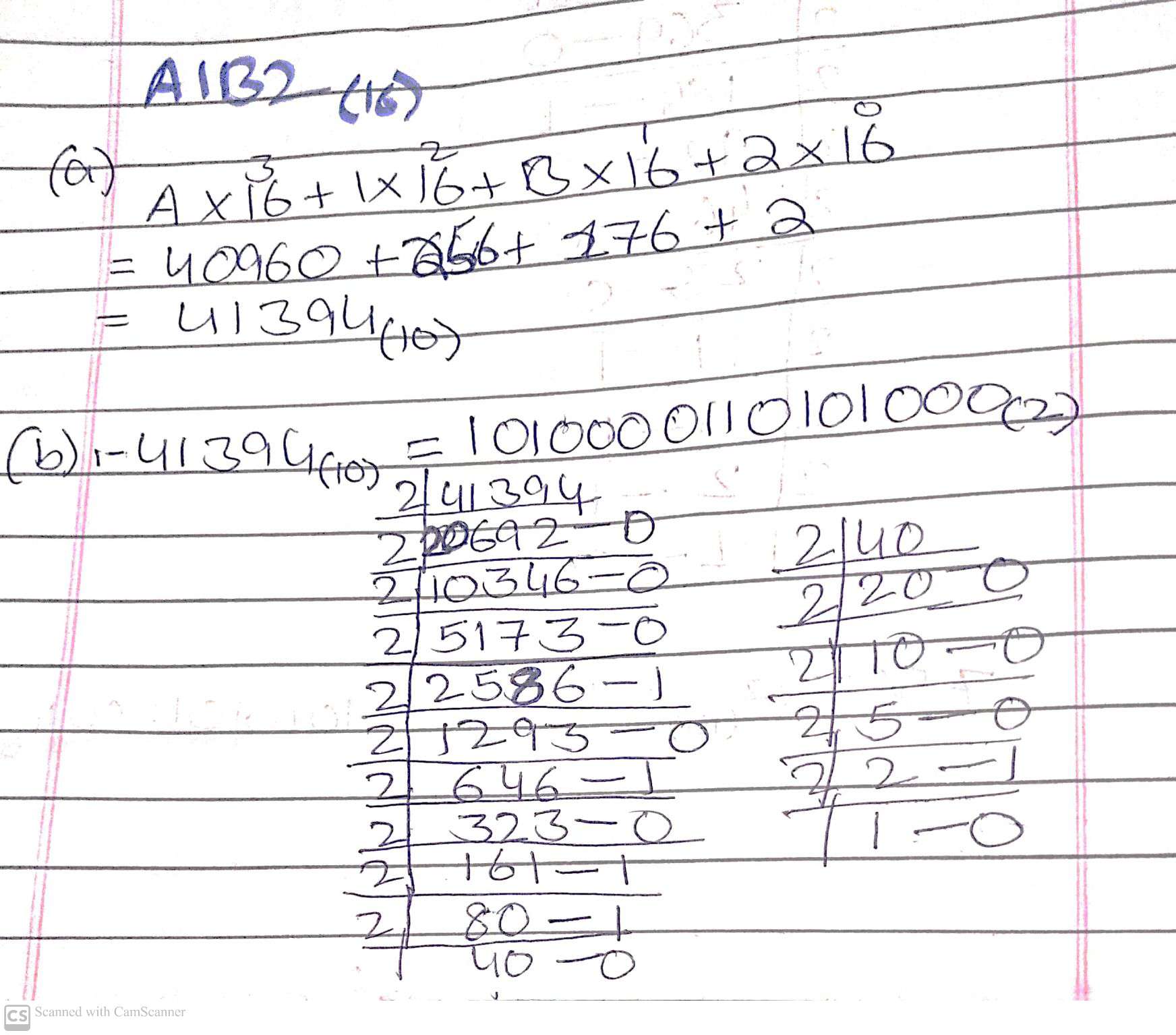
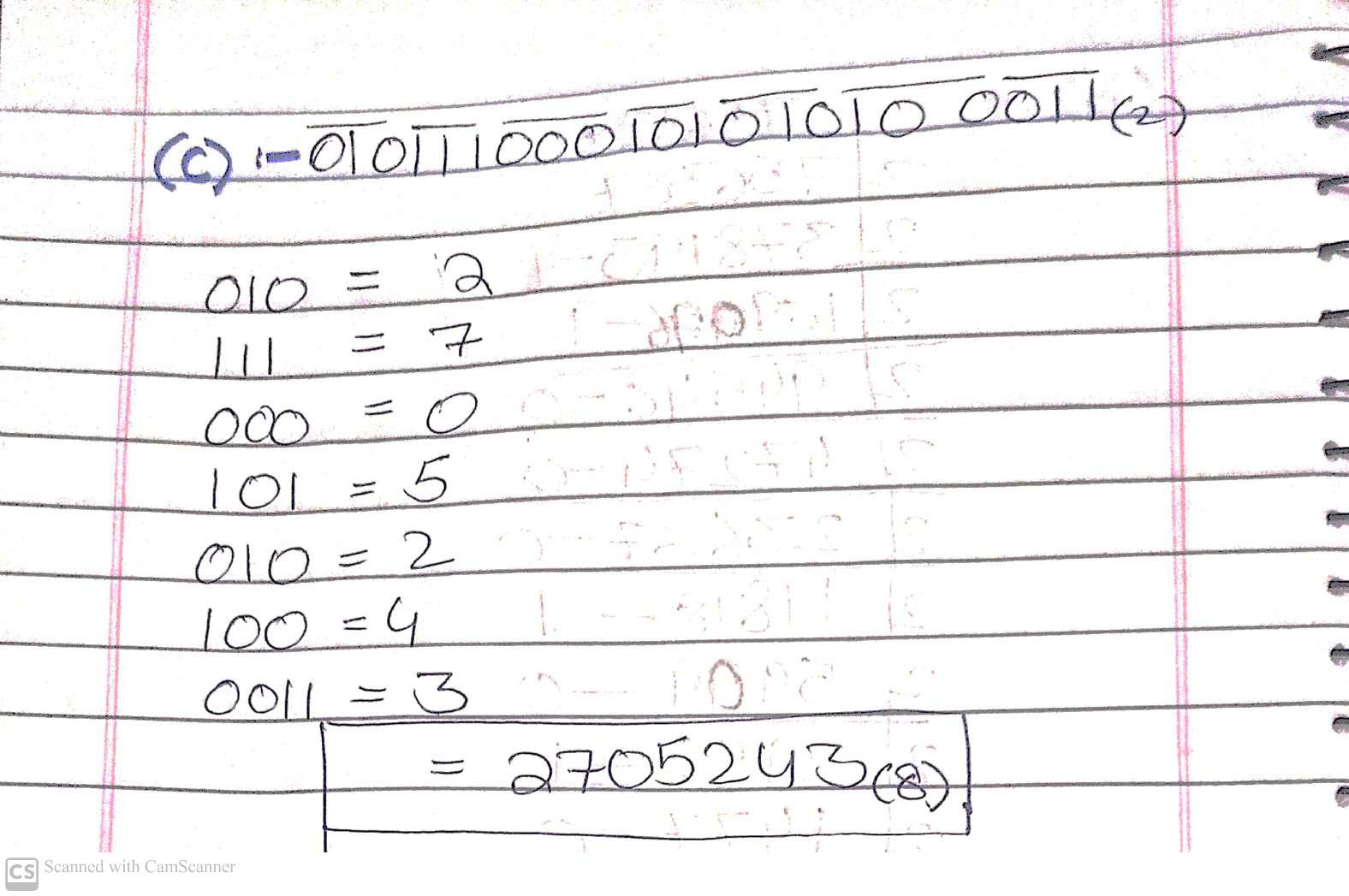
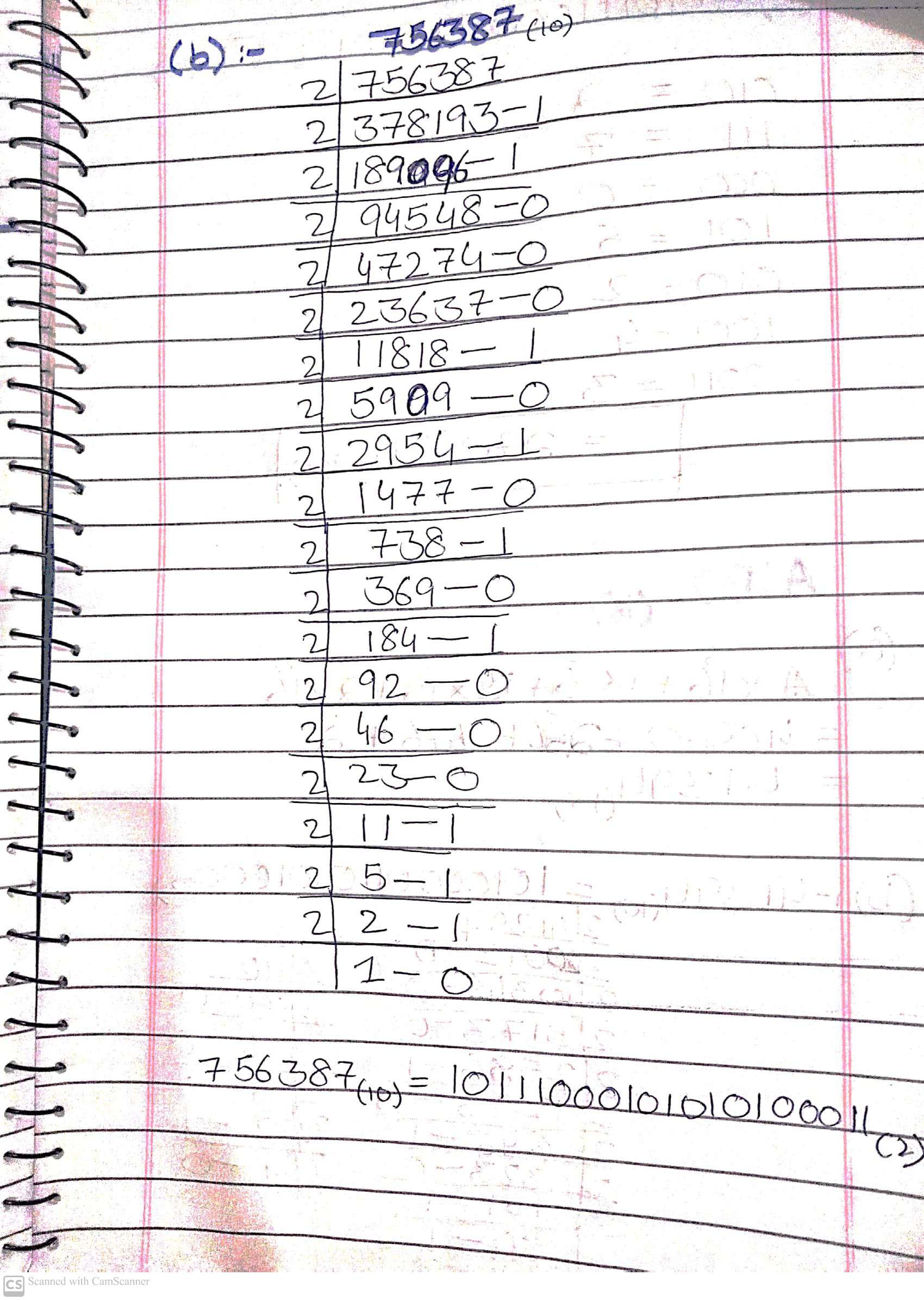
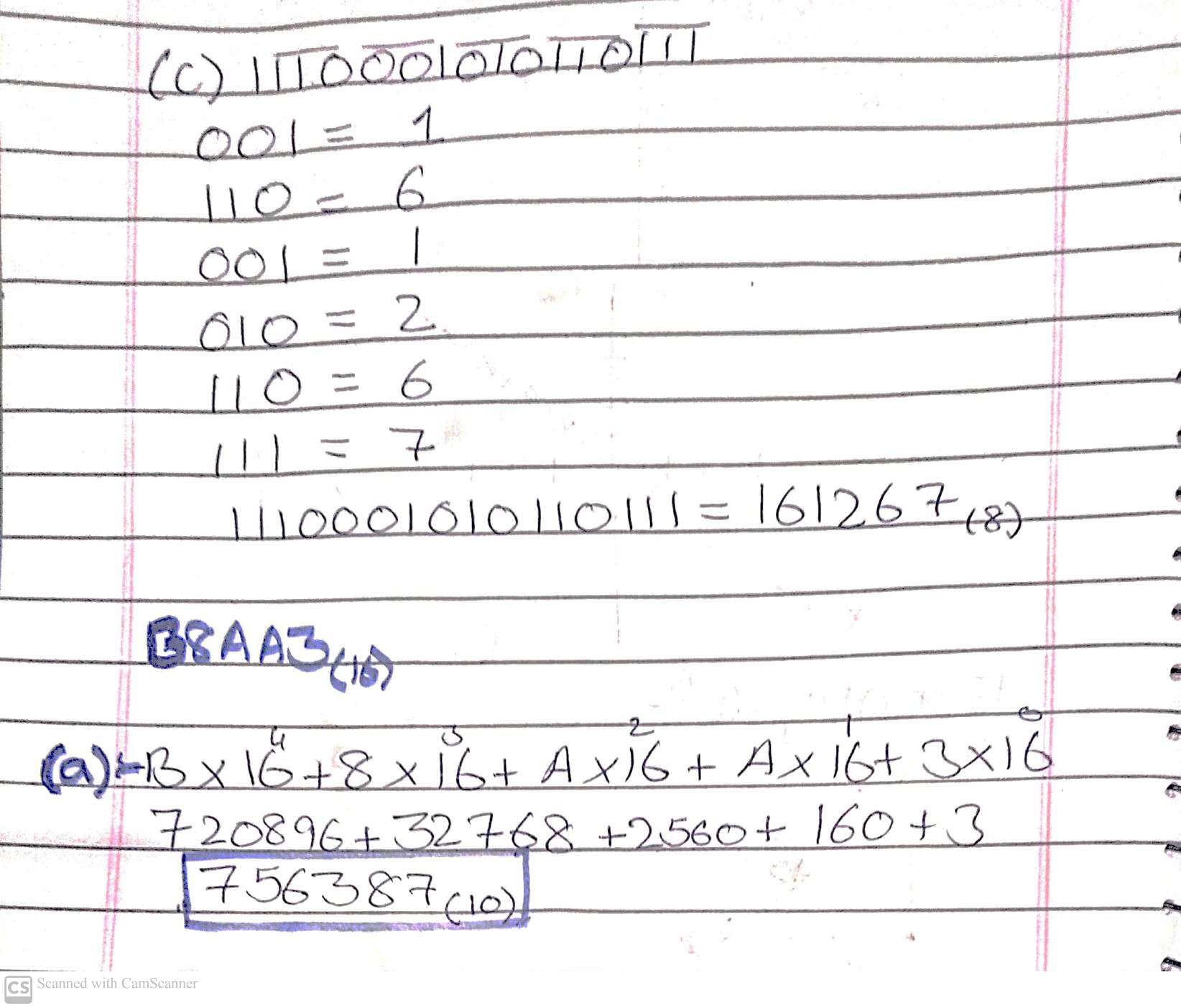
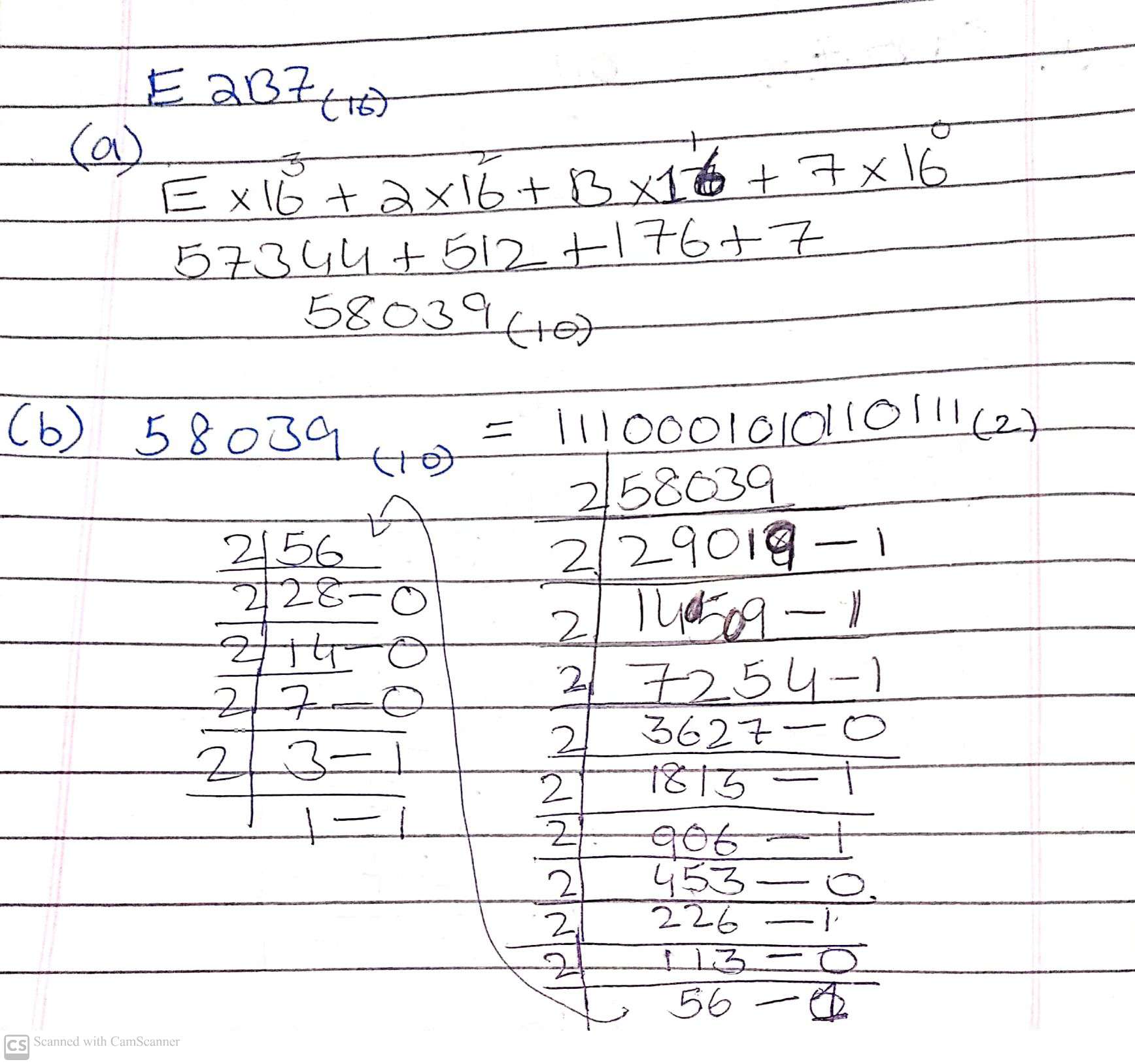
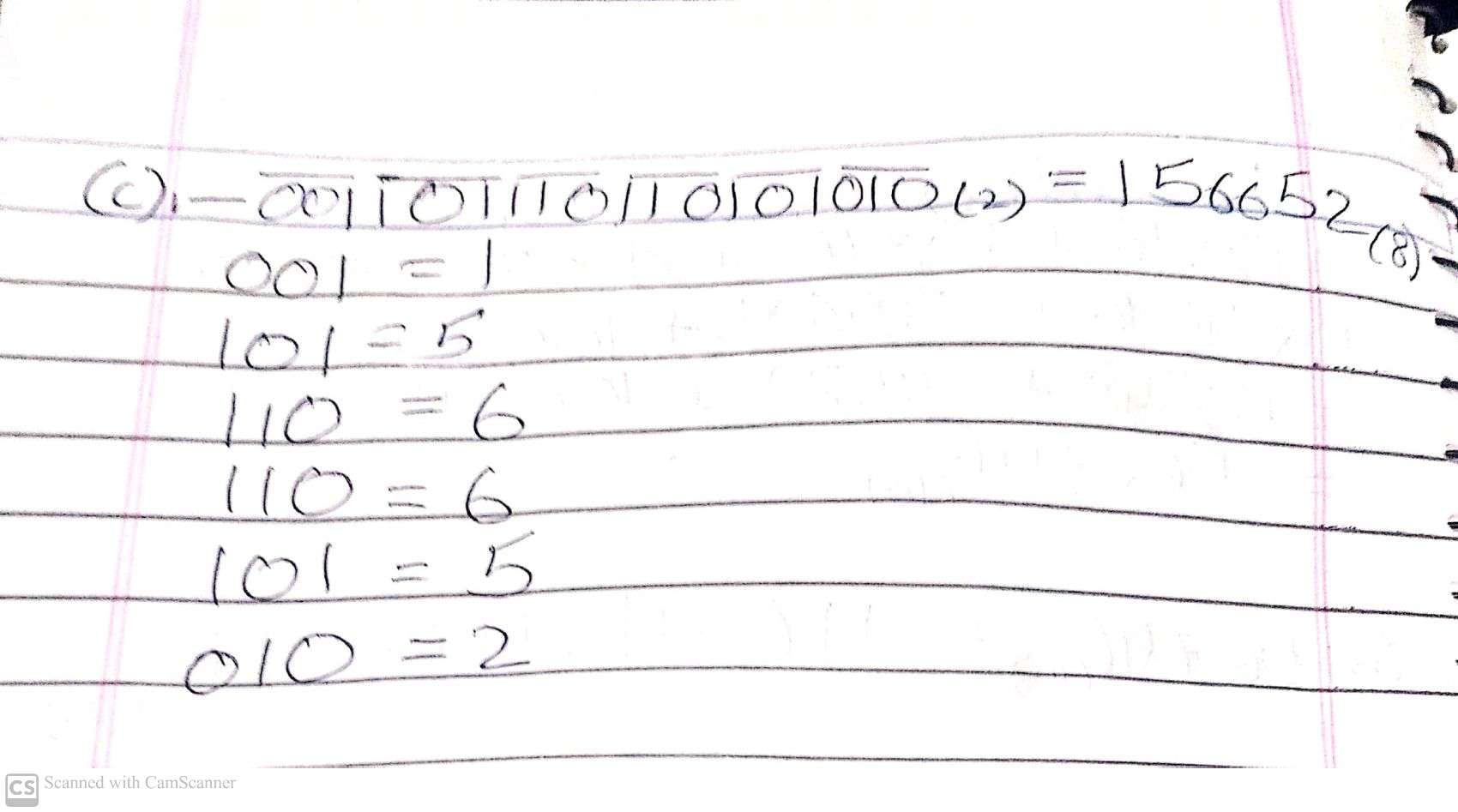
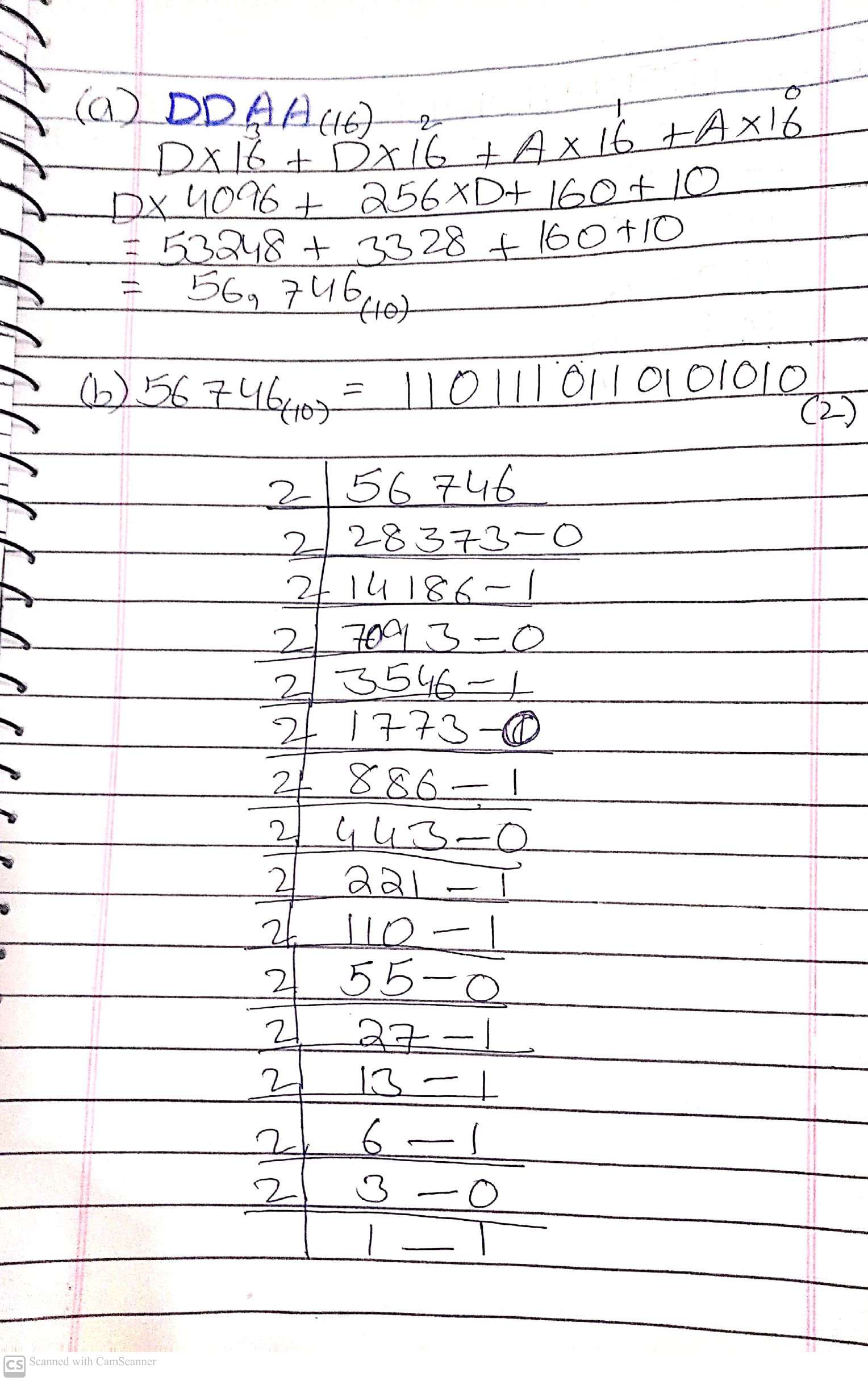
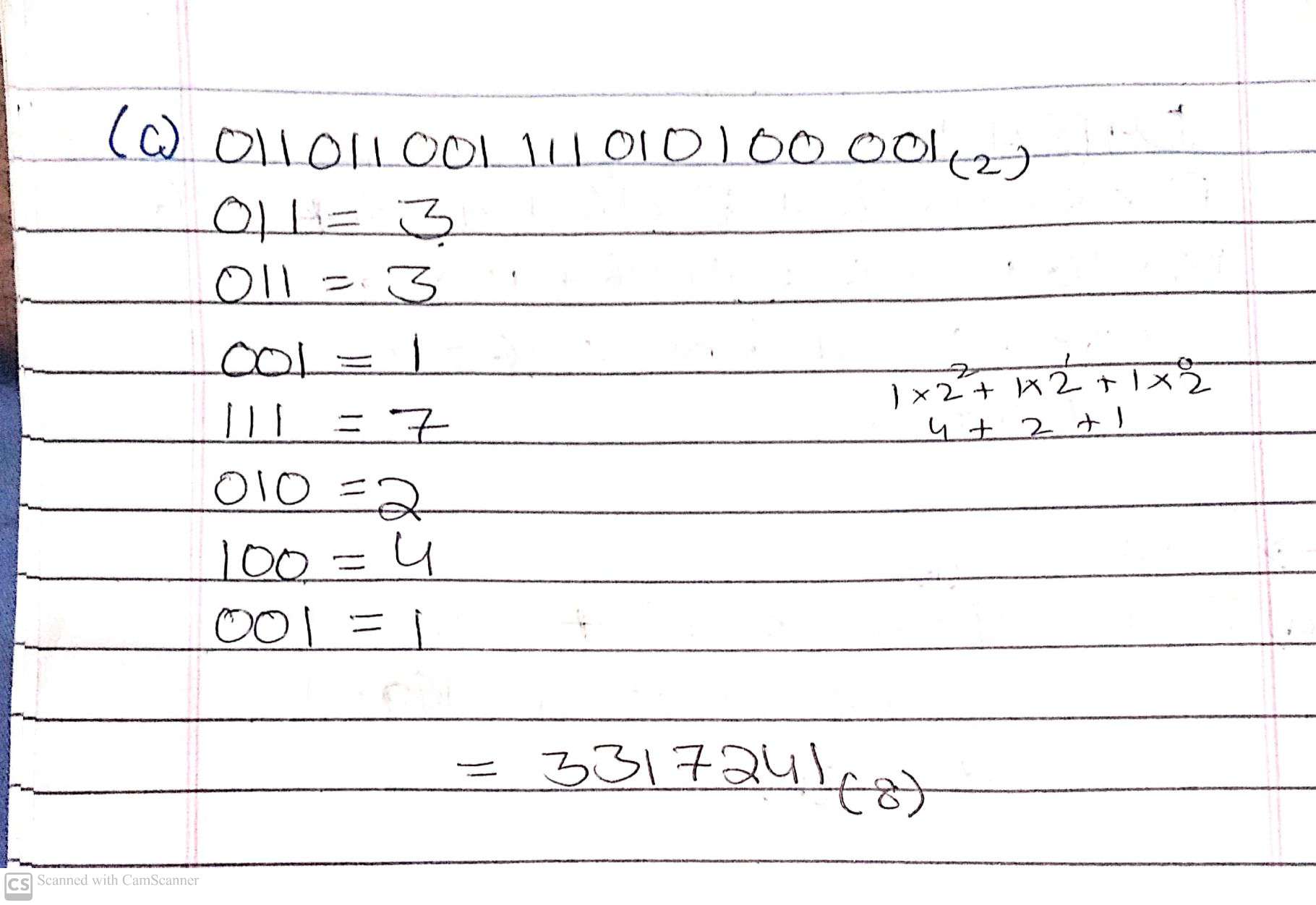
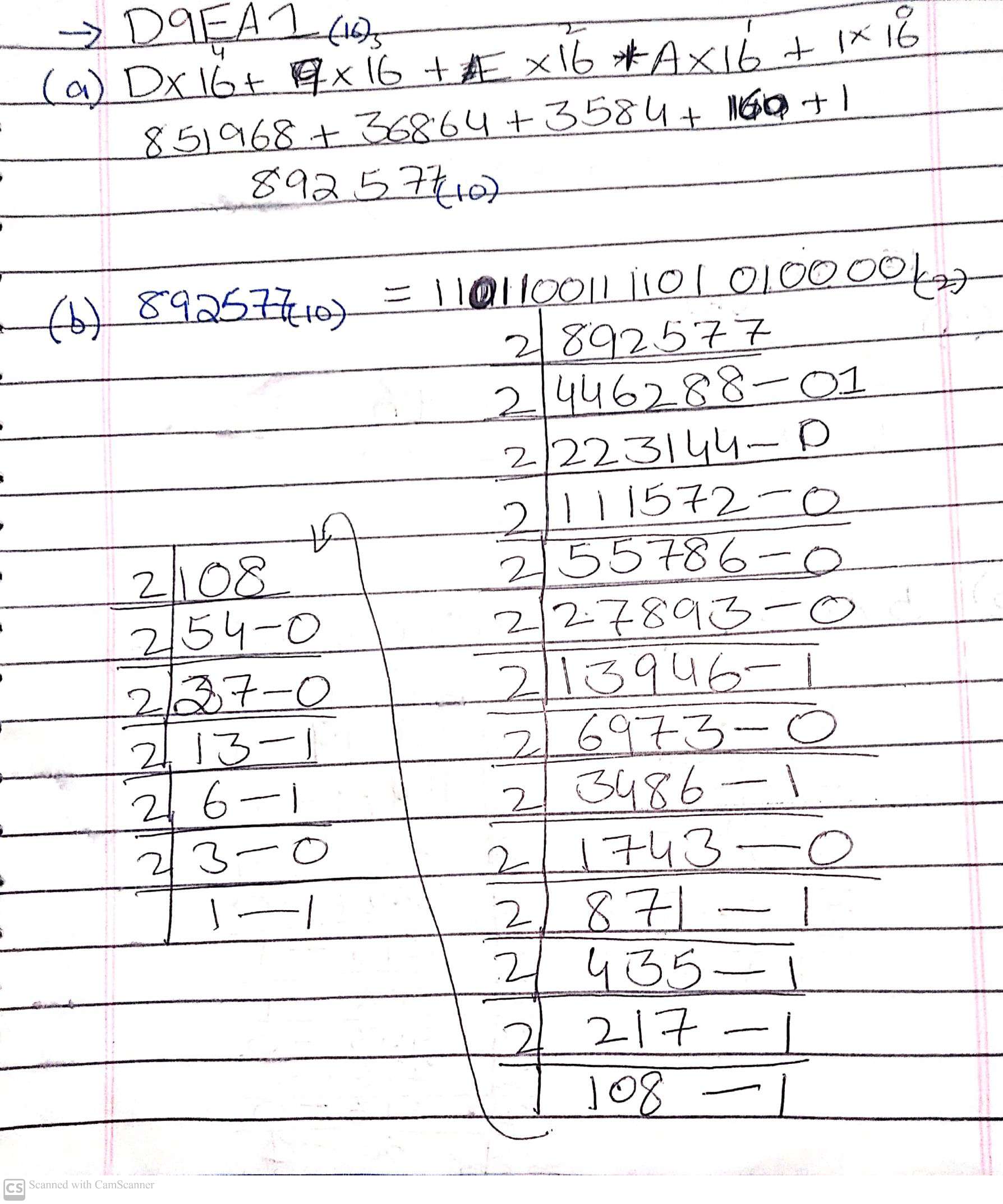
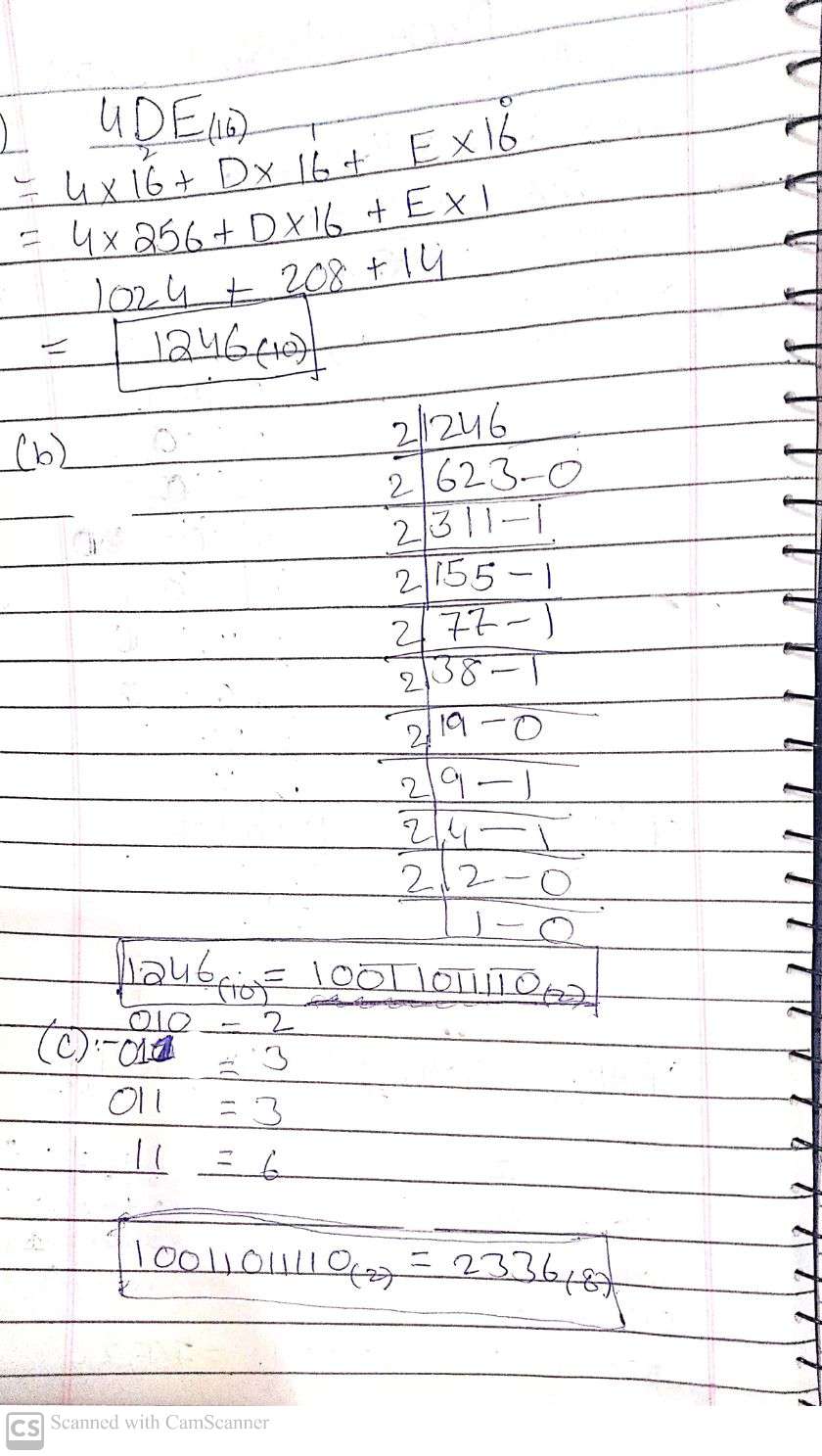
HEXADECIMAL-TO-DECIMAL-TO-BINARY-TO-OCTAL CONVERSION

| **HEXADECIMAL** | **DECIMAL** | **BINARY** | **OCTAL** |
| --- | --- | --- | --- |
| 0FAB | **4011** | **111110101011** | **7653** |
| 04DE | **1246** | **10011011110** | **2336** |
| D9EA1 | **892577** | **011 011 001 111 010 100 001** | **3317241** |
| DDAA | **56746** | **1101110110101010** | **156652** |
| E2B7 | **58039** | **1110001010110111** | **161267** |
| B8AA3 | **756387** | **10111000101010100011** | **2705243** |
| A1B2 | **41394** | **1010000110101000** | **120662** |
| C9D1 | **51665** | **1100100111010001** | **144721** |
| FCB2 | **64690** | **1111110010110010** | **176262** |
| C4 | **196** | **11000100** | **304** |
| F1B4 | **61876** | **1111000110110100** | **170664** |
| F7 | **247** | **11110111** | **367** |
| E8 | **232** | **11101000** | **350** |

**Solution:**

*Note: All Solutions are arranged in order (as of questions)*

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