

Discrete Mathematics
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Exam 1
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1. Convert the decimal number 37.3125 to binary and to hexadecimal.
2. True/False? $\neg(q \vee p) \rightarrow p \equiv p \oplus (q \leftrightarrow p)$
3. Prove that if A and B are odd numbers then AB is also odd.
4. Let $A=\{0,1,2,3,4,5\}$, $B=\{0,2,4\}$, $C=\{1,2,3\}$. Find $(A \oplus B) \cap (A - C)$