

February 9 (Mon), 2015

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- $\star \quad \boxed{ \text{Hints for Problem [IV]} } :$
- \star As for part (1), you need to show work or no credit.

First, agree $2^{11} = 2048$. Thus $2^{11} - 1 = 2047$. Clearly, all you have to do is divide 2047 by 23. All I want to see, therefore, is below with appropriate numbers filled in the boxes:

 \star As for part (2) through part (5), no work required. Look for "Review of Lectures – VIII", page 22–26 for answers.