

Quiz Six MTH 213 , Fall 2011

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QUESTION 1. a) Convert $(132)_4$ into base 16.

b) Convert $(\underline{15} \ \underline{12})_{16}$ to base 4.

c) Find all integers in Z with the following properties: i) if each integer is divided by 25, the remainder is 11. ii) if each integer is divided by 13, the remainder is 1. [Note that $(12)^2 = 1$ in Z_{13}]

Faculty information

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