

**King Fahd University of Petroleum & Minerals**  
**Department of Electrical Engineering**

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EE200-03            (062)

Homework # 1

1. Convert  $(145.25)_{10}$  to binary, octal and hexadecimal.
2. Convert  $(734.2)_8$  to binary, hexadecimal and decimal.
3. Convert  $(110100101)_2$  to octal.
4. Add the binary numbers 1101.01 and 100111.11
5. Multiply the binary numbers 1011.101 X 101.1