

NUMBER SYSTEM CONVERSIONS

Solve the following questions manually and confirm the answer using a calculator. Paste the snapshot of the answer seen in the calculator.

Q1) Convert the following decimals to binary.
Stop after max 6 bit for fractional part

- a) 23.75
- b) 17.25
- c) 4.3

Q2) Convert the following binary to decimals.

- a) 1101.111_2
- b) 100.001_2

Q2) Convert the following into binary, octal and hexadecimal forms

- a) 97_{10}
- b) 229_{10}

Q4) Convert the following numbers into binary form

- a) 72_8
- b) $FA6_{16}$