

DECIMAL TO OCTAL

By Double-dabble method, we have to divide the number by 8(base). Writing down the remainder after each division. The remainder taken in reverse order (bottom to top) gives the octal number.

Example

Convert decimal number 786 to octal number

8	786
8	98 - 2
8	12 - 2
	1 - 4

Answer: $(786)_{10} = (1422)_8$