

Number Classification

Learning objectives

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The work in this unit is focused on the classification of numbers into different sets. After completing this unit you should be able to

- convert whole numbers to Roman numerals
- convert Roman numerals to whole numbers
- classify real numbers as rational or irrational
- appreciate the difference and overlap between the sets:
 - R real numbers
 - Q rational numbers
 - Q^+ positive rational numbers
 - N natural (counting) numbers
 - Z integers
- convert base 10 numbers to/from Binary (base 2).