



Learning Outcomes:

- I will be able to convert number from one number system to another.
- I will be able to complete basic arithmetic in a given number system.

Warm-Up Assignment:

- N/A

Review of Prior Knowledge:

- Review Digits of Base 2, Base 8, Base 10, and Base 16 Numbering Systems

Introduction to New Material: (I Do)

- Conversion to Base 10
- Conversion from Base 10
- Basic Arithmetic in Base 8 and Base 16

Guided Practice: (We Do)

- Conversion to Base 10
- Conversion from Base 10
- Basic Arithmetic in Base 8 and Base 16

Independent Practice: (You Do)

- Calculations Worksheet

Standards/Expectations:

c.K.P.: demonstrate the ability to count, convert, and perform mathematical operations in the binary and hexadecimal number systems;