Multiple Representations

Abstract

Concrete

Pictorial
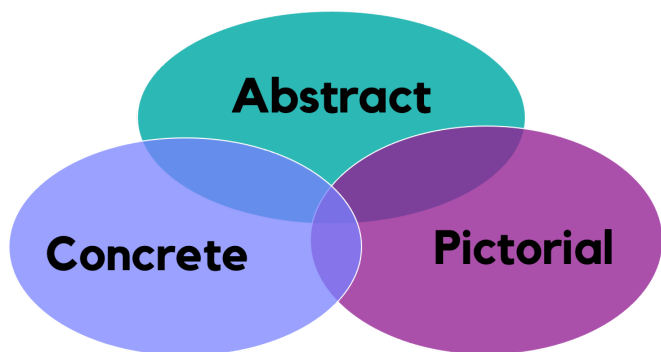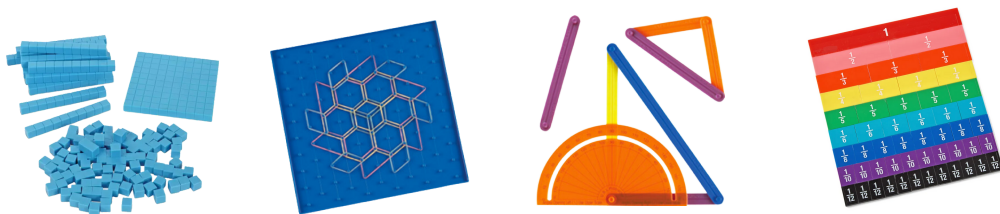
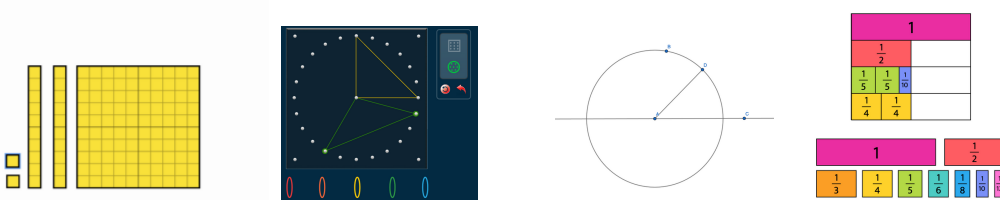**Teaching a concept or procedure through different types of representations.**

Multiple representations is a framework, not a sequence.

Concrete ⟶ three-dimensional objects

Pictorial ⟶ two-dimensional images

Abstract ⟶ numerals, symbols, & words

$$\frac{1}{2} + \frac{5}{10} = \frac{3}{4}$$

$$13 \times 5 = 65$$

$$\begin{array}{r} 4{,}179 \\ +\ \ \ 569 \\ \hline \end{array}$$

$$x - 6 = 8$$

Explore more virtual manipulatives here