

# Multiplication

Tools and Strategies To Move Students  
From Concrete to Abstract Thinking

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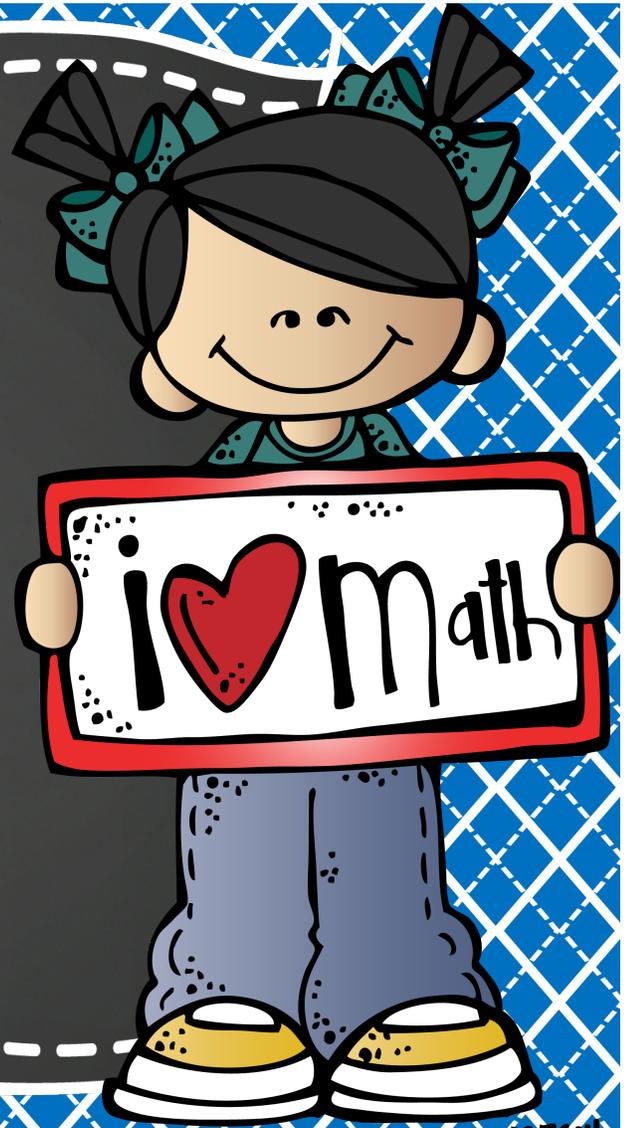
RHONDA STORY

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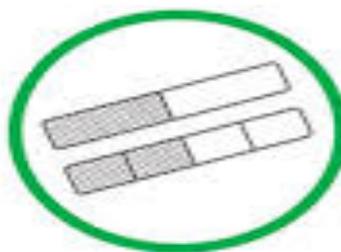
In this session, we will learn.....

Strategies to move students through the CRA (concrete, representational, abstract) framework for multiplication.

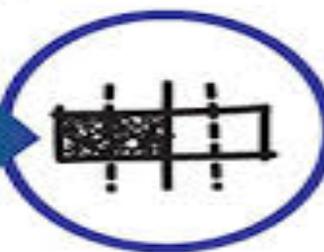


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Concrete



Representational



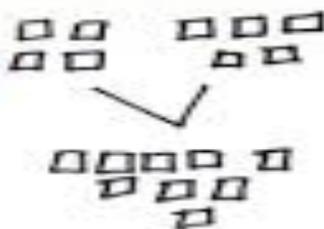
Abstract

$$\frac{1}{2} = \frac{2}{4}$$

concrete



Representational

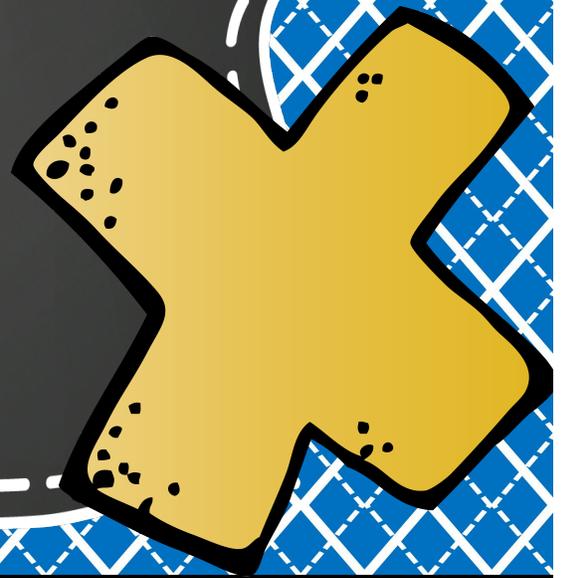


Abstract

$$4 + 5 = 9$$

## Tools we will be using.....

- BEAD RACKS
- BASE TEN BLOCKS
- CUBES
- ARRAYS
- QUANTITY LINES
- NUMBER LINES
- N TILES



*Let's get  
started.....*

