



# Reading Strategies

Particularly in the Mathematics Classroom By: Connor Doll



# Pre-Reading Strategies

1. Establish vocabulary and unknown concepts
  - a. Word Walls
    - i. Sort words
  - b. Model correct use of mathematical terms
    - i. In speech and in writing
2. Pre-reading plan
  - a. Make a list of everything you know or that relates to the term/concept
  - b. Share with a partner and compare/contrast lists
    - c. Have a short discussion about what is known
  - d. Make predictions about how the term/concept will be used

# Pre-Reading Strategies

1. Anticipation-Reaction Guide
  - a. What they think is true vs.
  - b. What they find out to be true

Name: \_\_\_\_\_

## What is a Polygon?

Directions:  
1. Read the statements below and decide if you agree or disagree.  
2. At the end of the lesson, answer the same statements again.  
3. Compare your early predictions with your final conclusions.

**Anticipation-Reaction Guide**

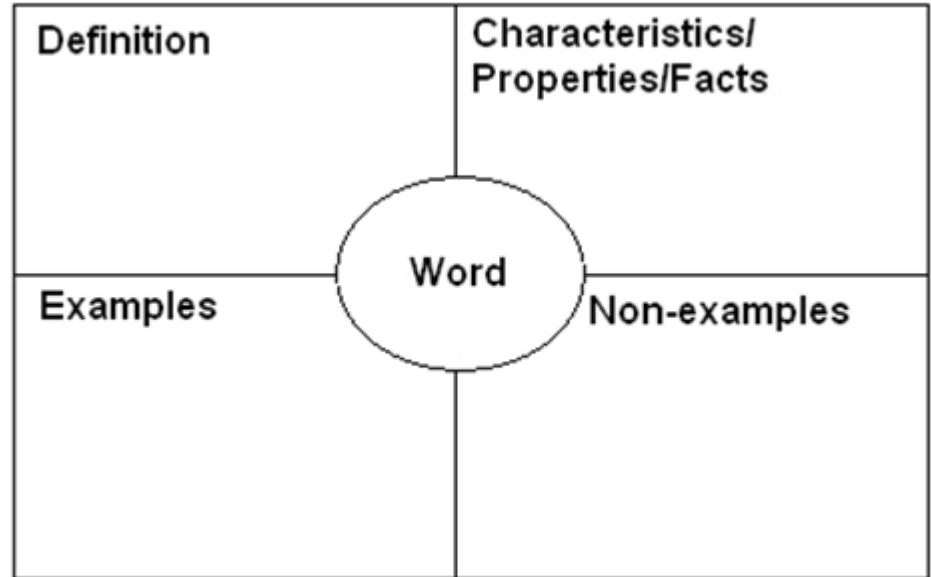
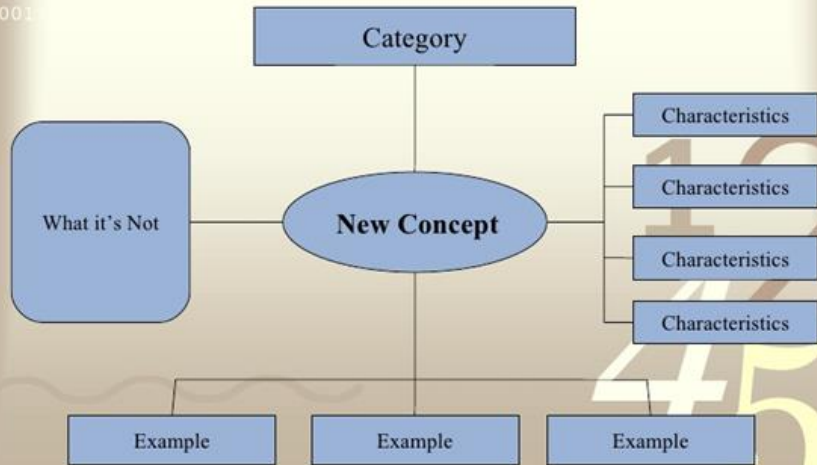
Before		After
	A polygon has more than two sides.	
	A polygon can be an open or closed shape.	
	A polygon has all right angles.	
	A polygon can have curved sides.	
	A polygon is a plane figure.	
	A square is a type of a polygon.	
	A polygon is 3-dimensional.	

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# Reading Strategies

## Strategies: Semantic Maps

001



# Reading Strategies

Topic \_\_\_\_\_ date \_\_\_\_\_

<u>Know</u> What I think I know	<u>Wonder</u> What I want to know	<u>Learn</u> What I learned

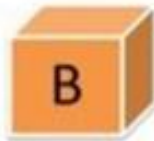
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circle key numbers



Underline the questions



any math action words



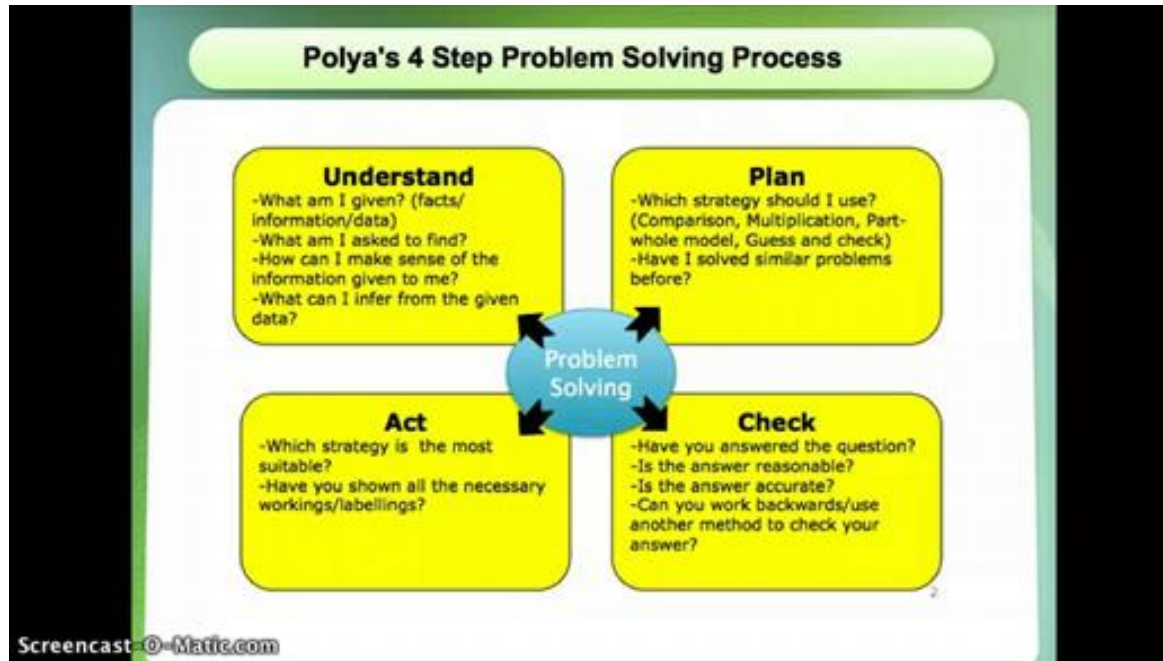
Evaluate (what steps do I take?)



& check



# Post-Reading Strategies



# Post-Reading Strategy

1. Find the Fake/Lie (2 truths, 1 lie)
2. Keep math journals about how they used math yesterday/this week/today.
  - a. Or just daily discussions and/or bell ringers to tie math to their personal life.