

# Modeling & Alg 2

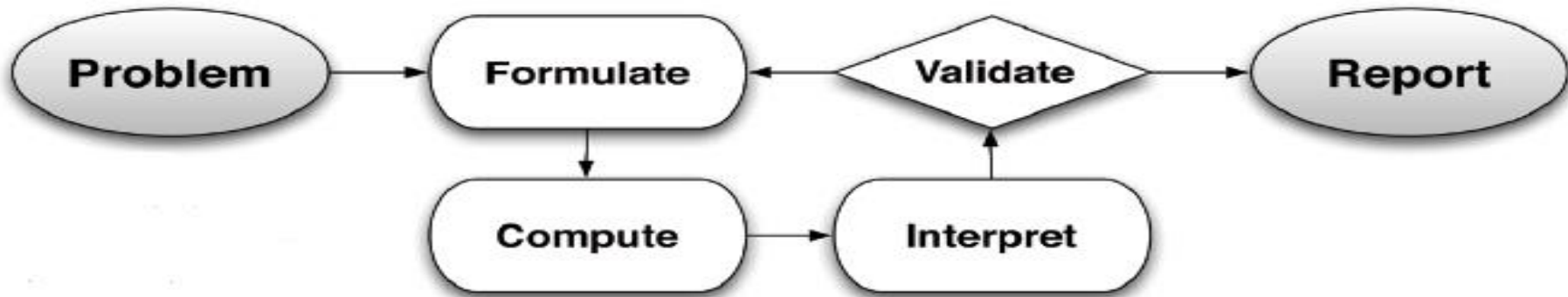
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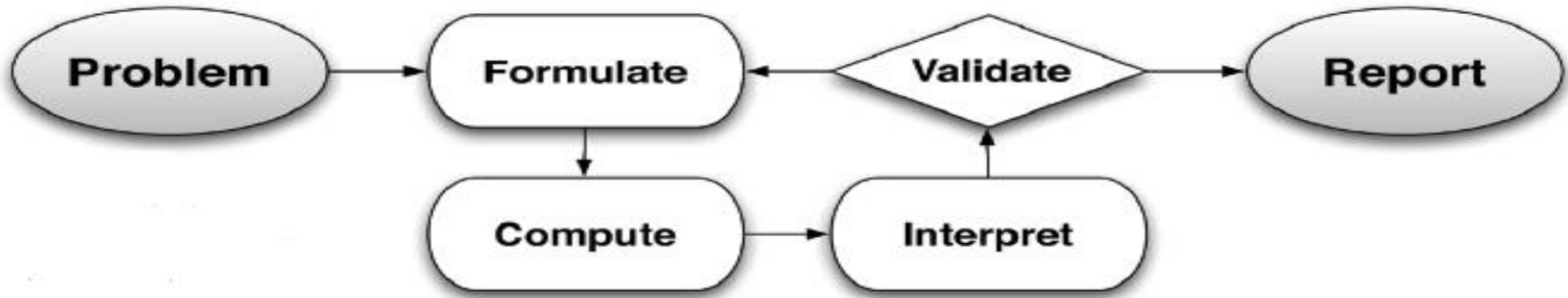


Modeling doesn't have to be  
difficult

So why do we make it difficult?

# CCSS, pg 72





- Identify variables in the situation and select those that represent essential features.
- Formulate a model by creating & selecting geometric, graphical, tabular, algebraic or statistical representations that describe relationships between the variables.

# SIAM – Moody's Mega Math challenge

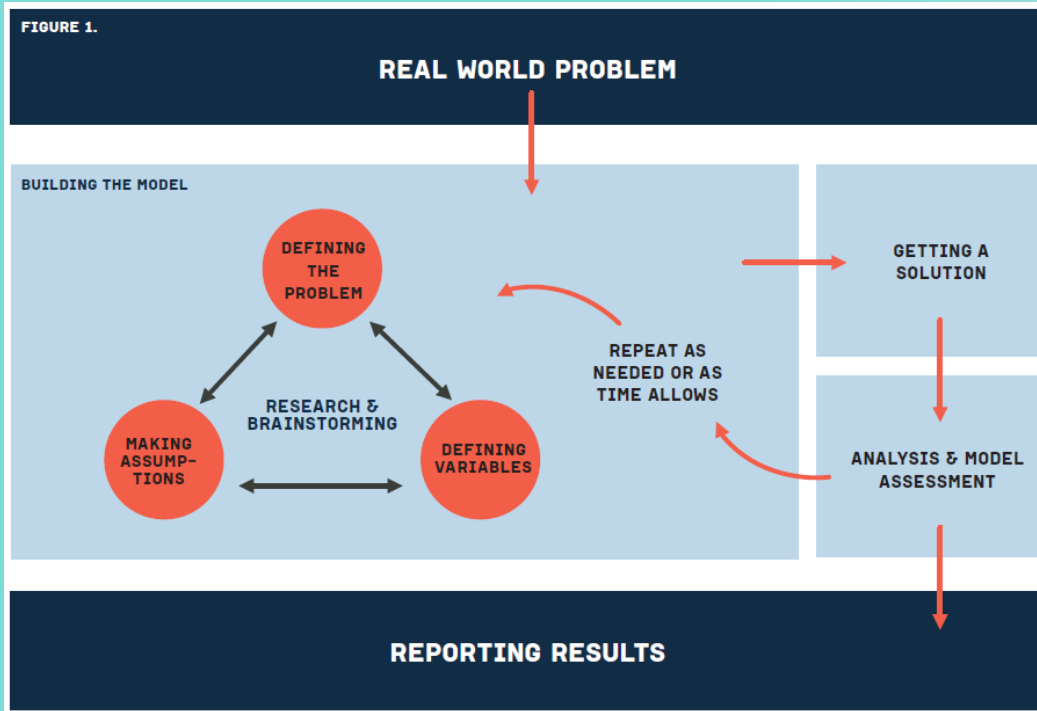
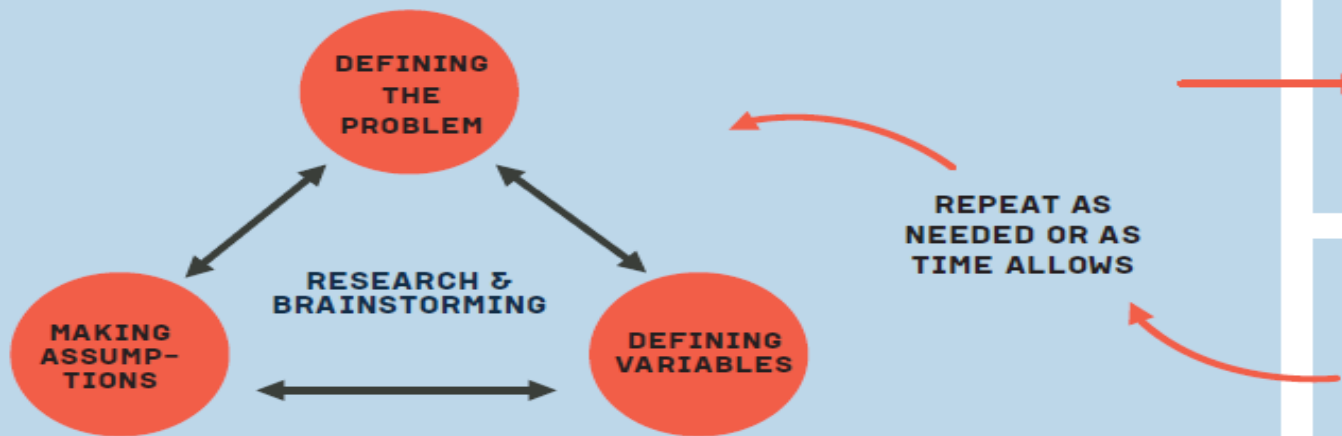


FIGURE 1.

# REAL WORLD PROBLEM

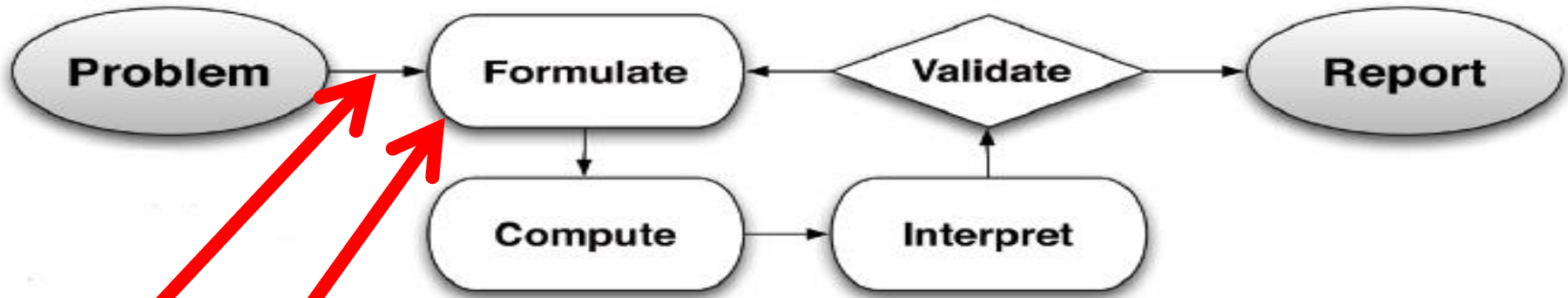
## BUILDING THE MODEL



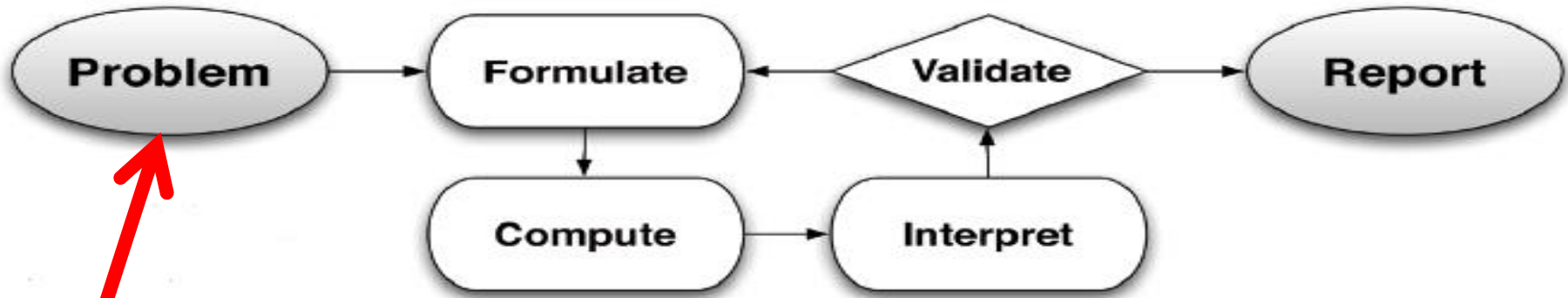
GETTING A SOLUTION

ANALYSIS & MODEL ASSESSMENT

## REPORTING RESULTS



- Identify variables in the situation and select those that represent essential features.
- Formulate a model by creating & selecting geometric, graphical, tabular, algebraic or statistical representations that describe relationships between the variables.



- Finding & deciding on a situation or problem that has variables that can be modeled via an idealized, mathematical formula is OUR JOB.



Let's start simple & teach  
learners how to model

[Graphingstories.com](https://www.graphingstories.com) & [Desmos.com](https://www.desmos.com)

