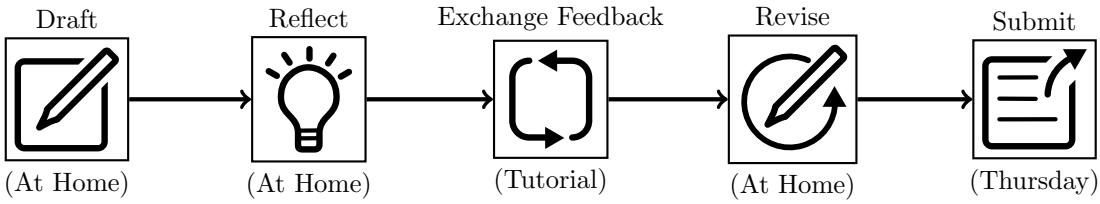
The PAR Process



Definition 1: The matrices A and B are called *similar* if they represent the same linear transformation but in (possibly) different bases.

Definition 2: The matrices A and B are called *similar* if there is an invertible matrix P such that $A = PBP^{-1}$.

Problem Statement

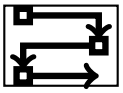
Are definition 1 and definition 2 equivalent, that is, are they saying the same thing? Describe, in your own words, how the two definitions relate. Make sure to include a description of what the matrices P and P^{-1} do.

Reflection

Turn the page and check off the icons for things you think you did well; circle the icons for things you would like feedback on.

Feedback Provided By:_____

Suggestions Communication **Strengths**

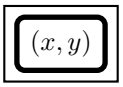


Show All Steps

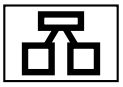
Explain Why,
Not Just What

Avoid Pronouns

Use Correct
Definitions

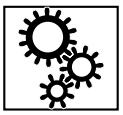


Define Variables,
Units, etc.

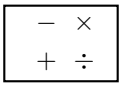


Create Diagrams

Suggestions Accuracy **Strengths**



Correct Setup



Accurate Calculations

Solve Multiple Ways

Answer Reasonable

Other
(Write Below)