

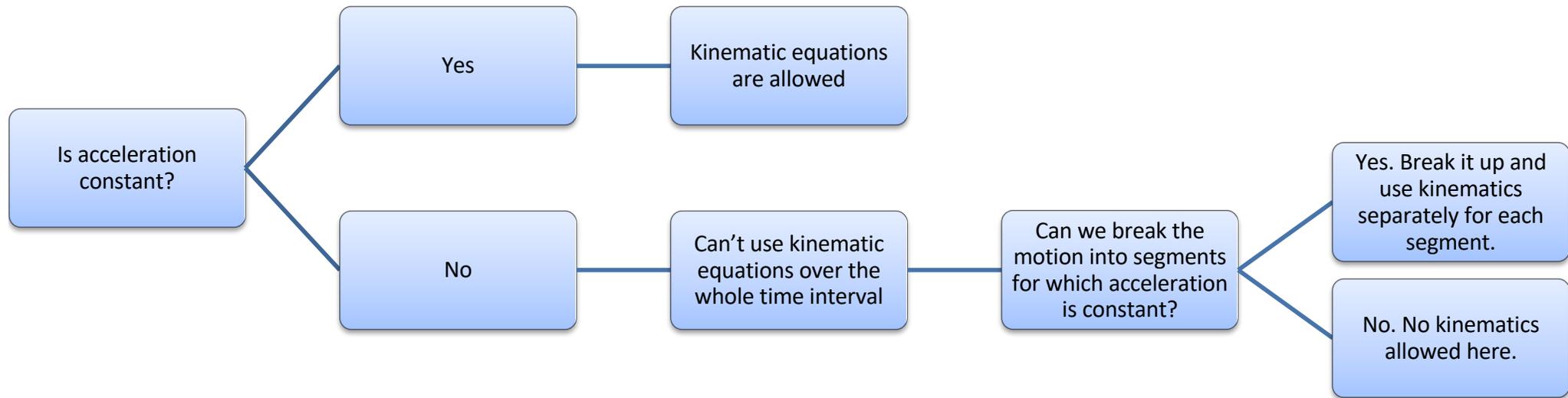
# Sample Problem Solving Flow Charts

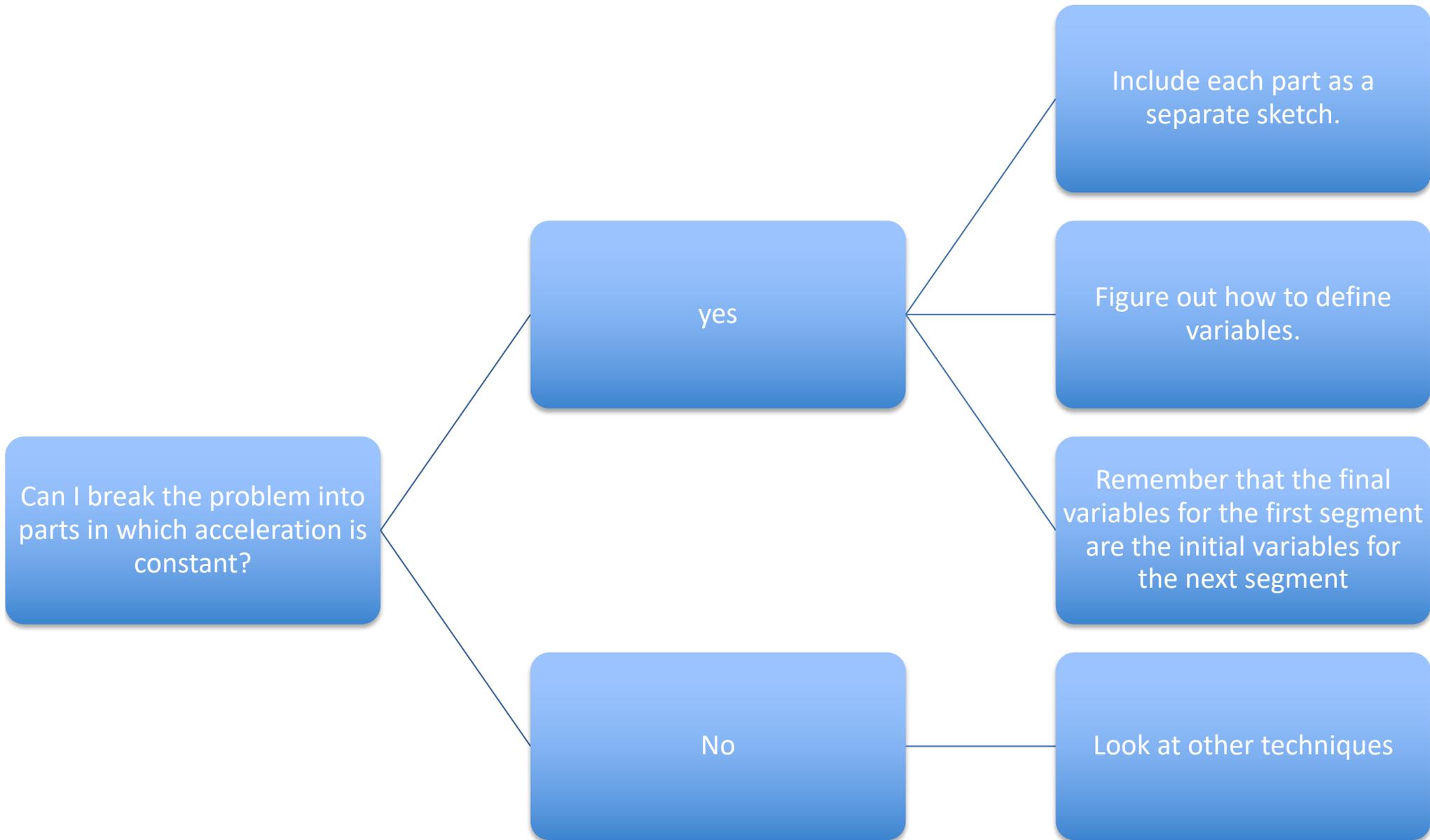
# Sample flow charts

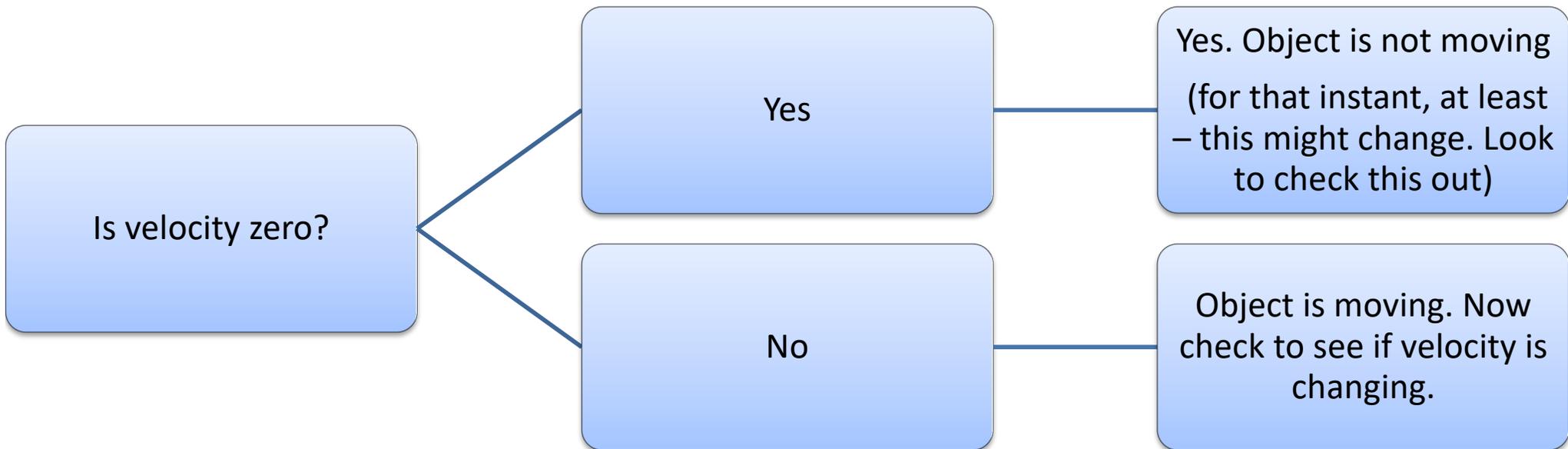
- You should be creating your own flow charts, in order to help you see how to solve problems, and how the ideas are interconnected.
- These are some samples to get you started as you study for the final exam.
- Notice that these aren't example problems – instead these are a graphic organizer to help you find and sort through information so that you have a strategy to use in solving physics problems.

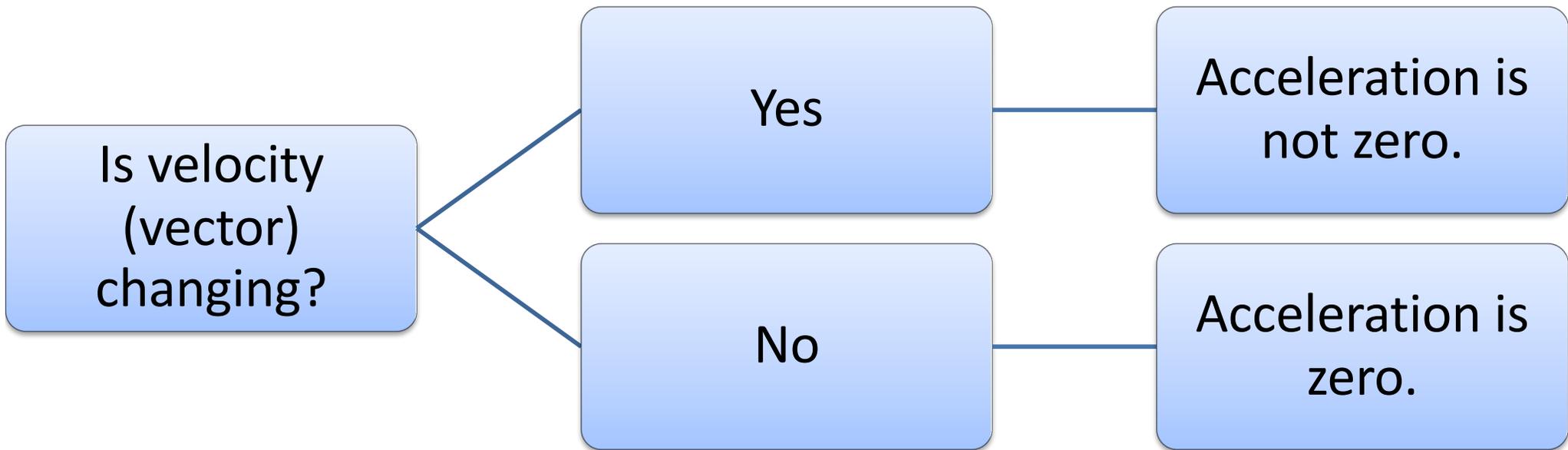
# So – how?

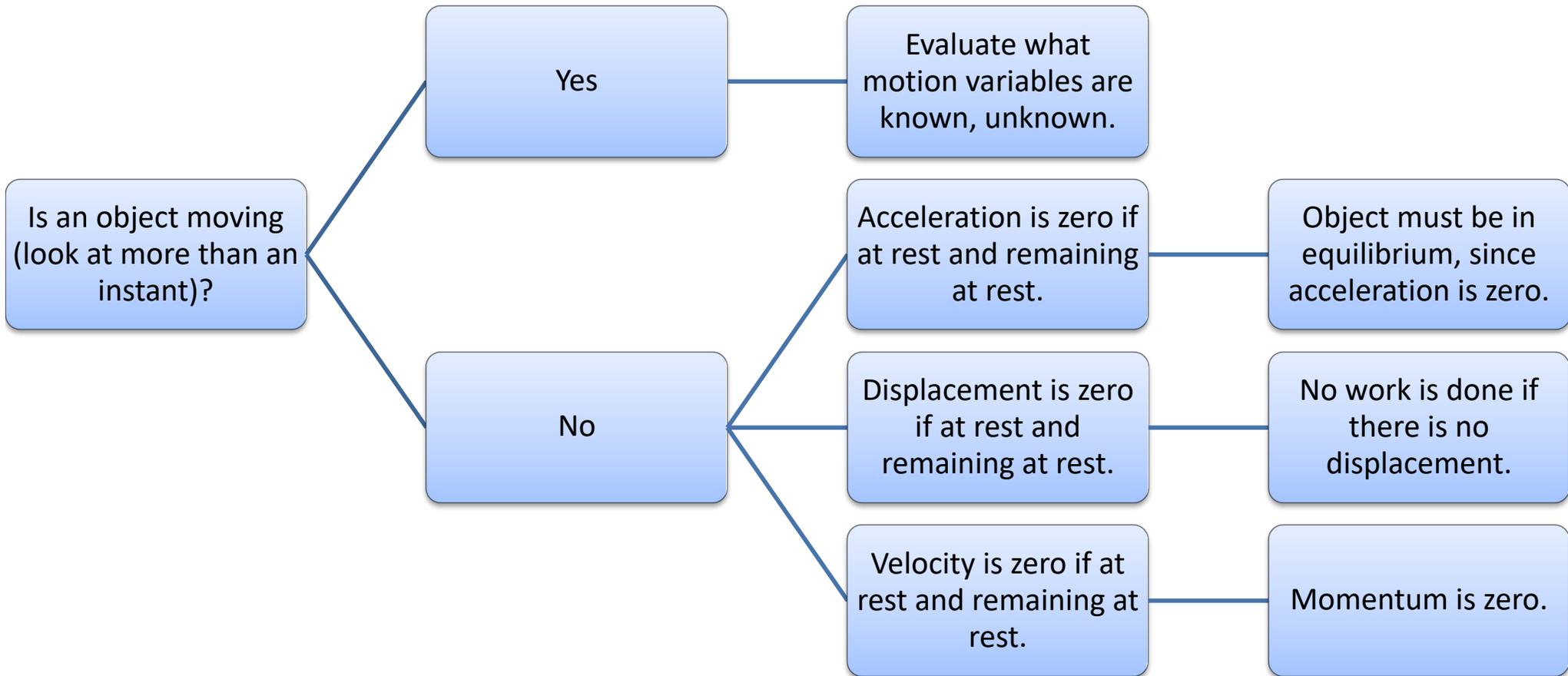
- First – this is what the problem solving strategy is designed to help with
- But also – think back. I ask a lot of questions. Those questions help find the way.....
- You do not have to use this format if you find that another one is more helpful.
- Following – examples of SOME of what you can do...

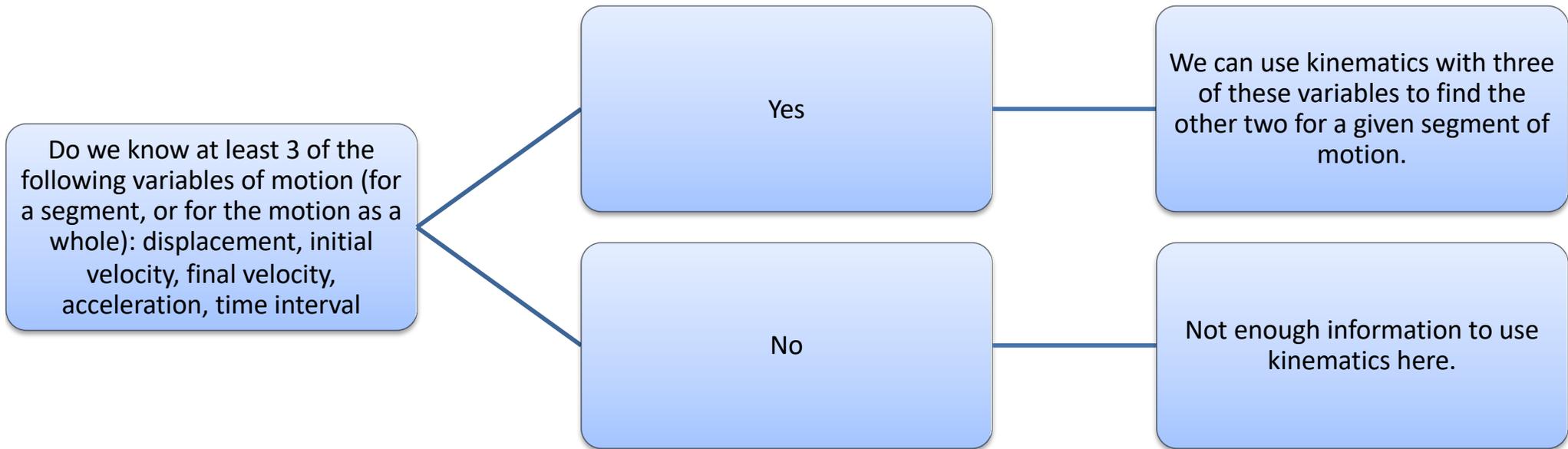












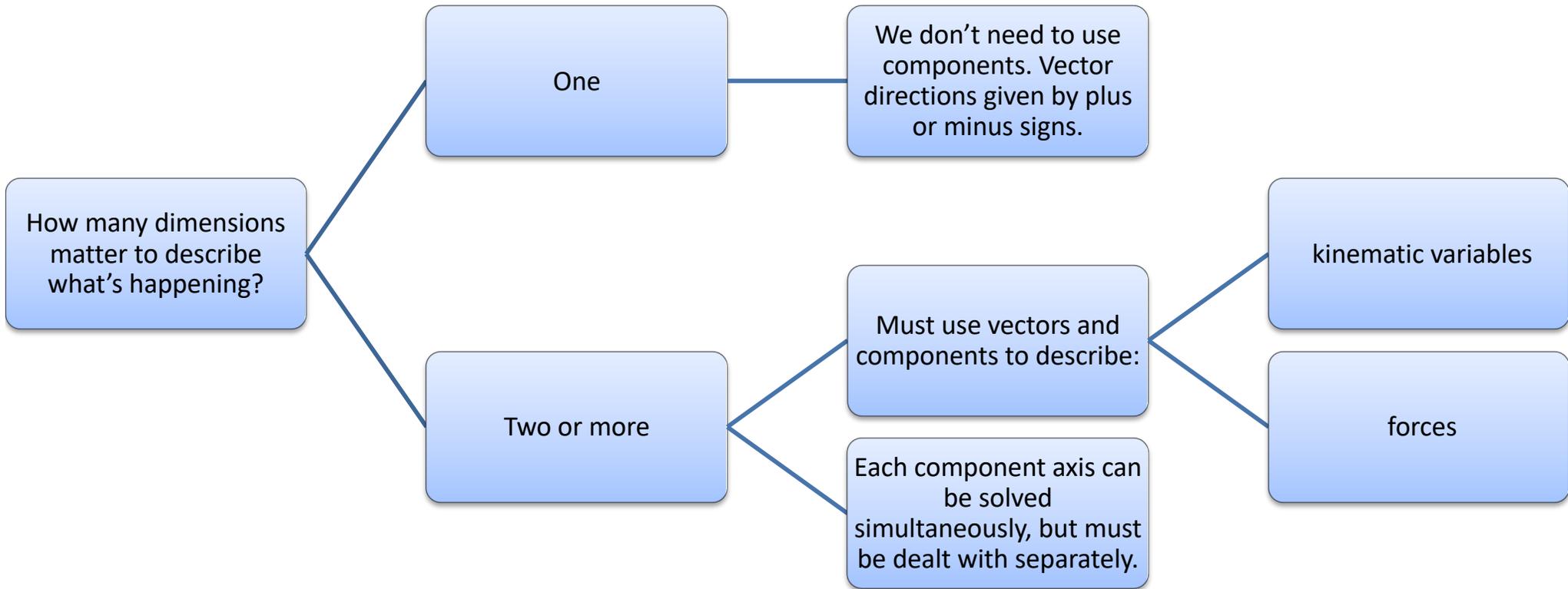
Do we know anything about time intervals?

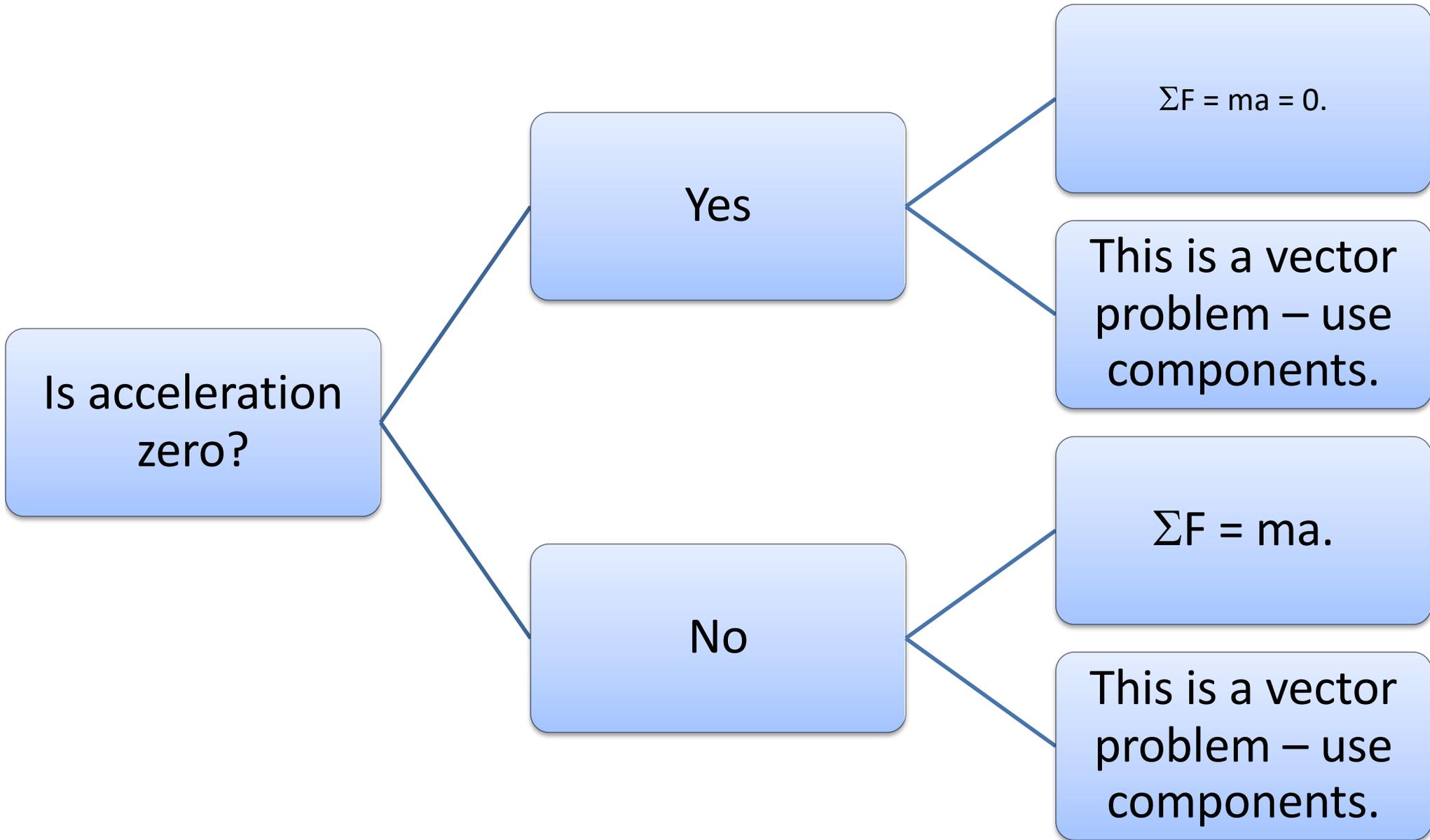
Yes

We can use kinematics

No

Kinematics probably not possible – certainly much harder to do.





```
graph LR; A[Are there any forces in your problem?] --- B[Draw a free body diagram with an axis.]; A --- C[Define the system.]; A --- D[What forces are external? Internal?]
```

Draw a free body diagram with an axis.

Are there any forces in your problem?

Define the system.

What forces are external?  
Internal?

