

NAME: _____

DATE: _____

ACTIVITY

Decision Tree Practice

What + Why: Learn how decision trees work by mapping out an everyday choice so you can start making decisions with more clarity and confidence.

Decision trees help you break down a choice into smaller parts so you can compare your options clearly.

Decision trees are useful because they show:

- What you know
- What you're unsure about
- The trade-offs between choices

Decision Tree Flow Explained

A decision tree starts with a main decision you are trying to make, or a main question. From there, you branch out into:

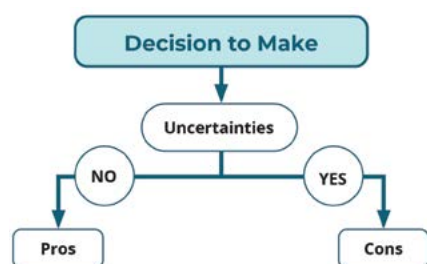
- Option A, Option B, etc. OR
- Yes/No

Each option can lead to possible outcomes, pros, cons, and uncertainties.

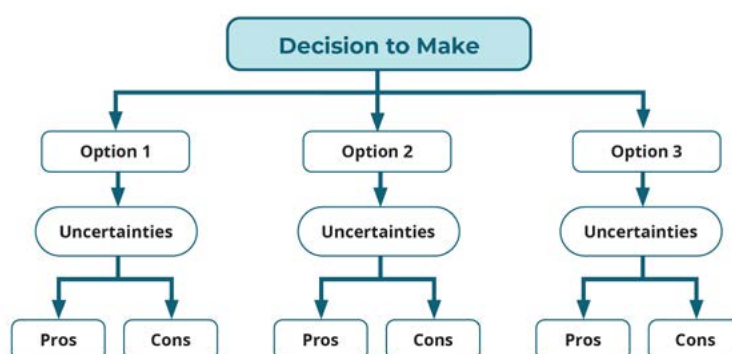
Decision Tree Examples

Review the simple and complex examples of a decision tree to see how they are constructed and how they flow.

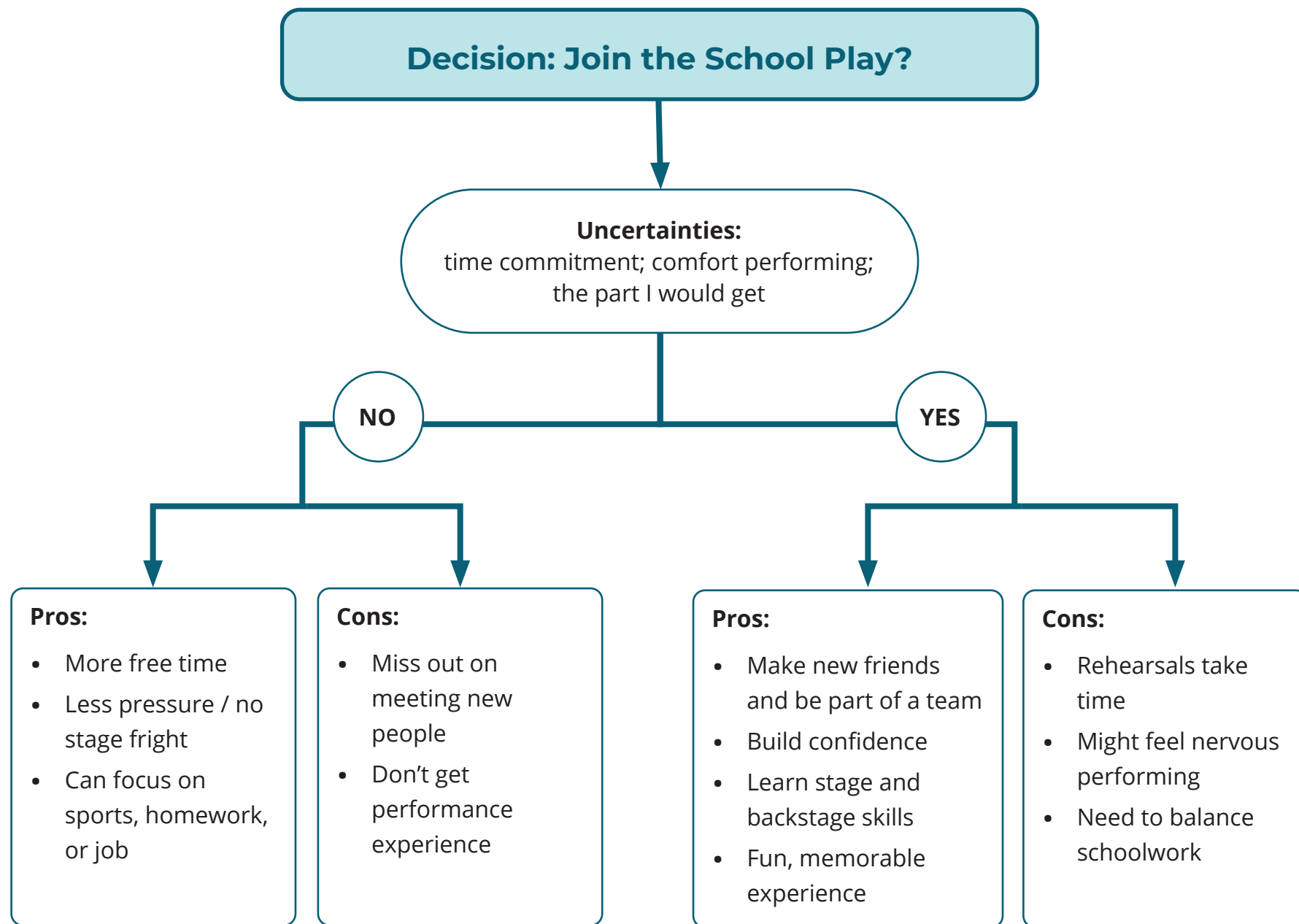
Simple Decision Tree



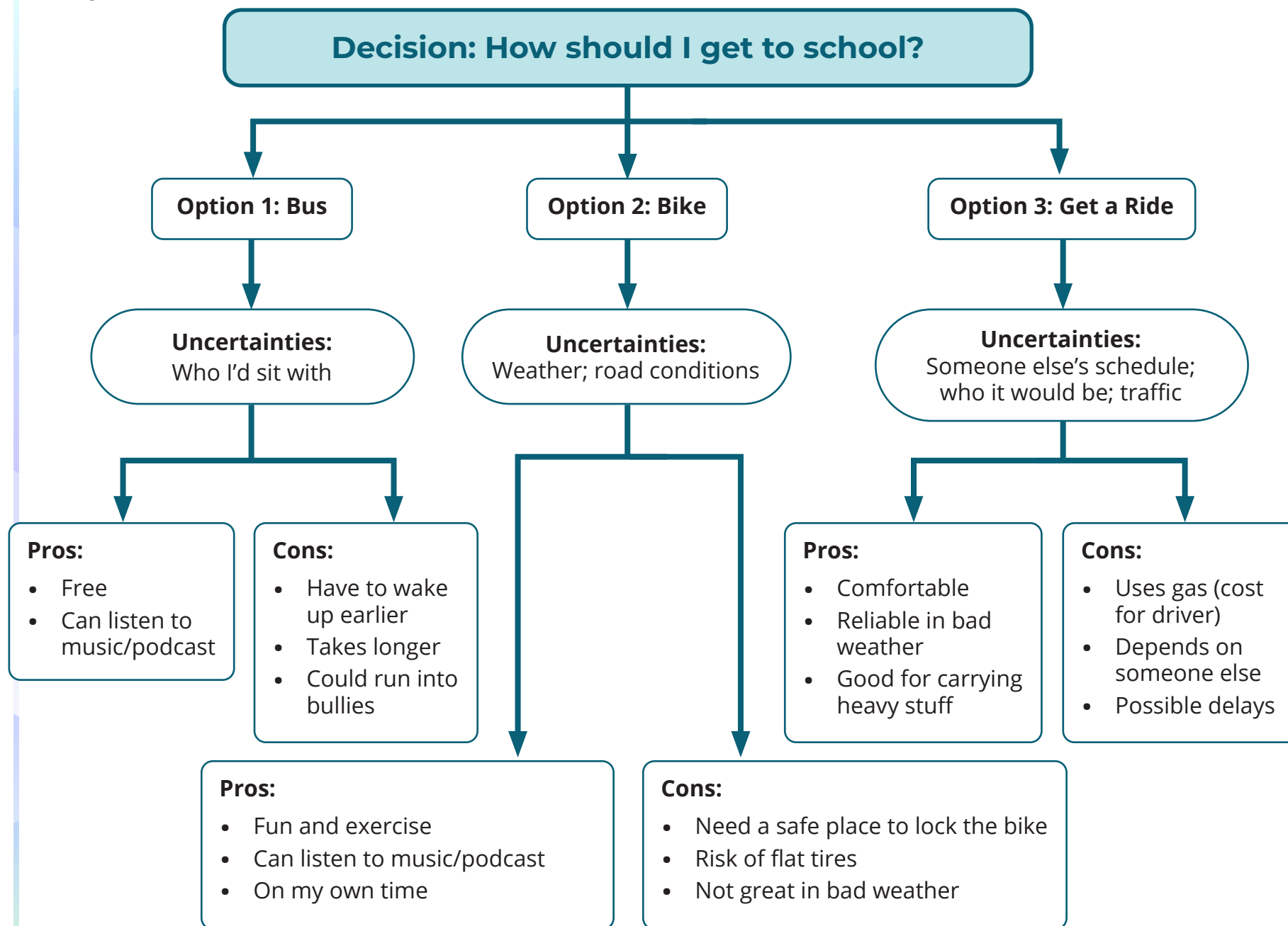
Complex Decision Tree



Simple Decision Tree



Complex Decision Tree



Instructions:

1. Choose one of these decisions or come up with one of your own:
 - Should I go to the football game on Friday or stay home?
 - What should I have for breakfast?
 - How should I spend my Saturday morning?
 - What movie should I watch?
2. Create a decision tree to illustrate the decision.