\[ \frac{p_A 	imes U_A}{A} + \frac{p_B 	imes U_B}{B} + \frac{p_C 	imes U_C}{C} \geq 1 \]
is $20. Which ticket should I buy?

combined ticket costs $30. The "value" of going to a performance

time for a performance is 0.4. A single ticket costs $20, and a
discount (combined tickets) or I can buy them separately closer to
I'm going to buy tickets for two performances at the Rossa Center.

Example: Buying tickets
The decision tree for buying tickets:

1. If $2, yes → $0, no → $0.6.
2. If $1, yes → $0.4, no → $0.6.
3. Decision node 1:
   - No → $0
   - Yes → $30
4. Decision node 2:
   - No → $30 + 20 + 20 = $70
   - Yes → $30 - 30 = $0

Time flows this way.
In early 1984, Pennzoil and Getty Oil agreed to the terms of a merger. But before any formal documents could be signed, Texaco offered Getty Oil a substantially better price, and Gordon Getty, who controlled most of the Getty stock, reneged on the Pennzoil deal and sold to Texaco.

Naturally, Pennzoil felt as if it had been dealt with unfairly and filed a lawsuit against Texaco alleging that Texaco had interfered illegally in Pennzoil-Getty negotiations. Pennzoil won the case; in late 1985, it was awarded $11.1 billion, the largest judgment ever in the United States. A Texas appeals court reduced the judgment by $2 billion, but interest and penalties drove the total back up to $10.3 billion. James Kinnear, Texaco’s chief executive officer, had said that Texaco would file for bankruptcy if Pennzoil obtained court permission to secure the judgment by filing liens against Texaco’s assets.

Furthermore Kinnear had promised to fight the case all the way to the U.S. Supreme Court if necessary, arguing in part that Pennzoil had not followed Security and Exchange Commission regulations in its negotiations with Getty. In April 1987, just before Pennzoil began to file the liens, Texaco offered Pennzoil $2 billion to settle the entire case. Hugh Liedtke, chairman of Pennzoil, indicated that his advisors were telling him that a settlement of between $3 billion and $5 billion would be fair.

Won $11.1 billion
Reduced by $2 billion
$9.1 billion
Penalties $10.3 billion

(settle $3-$5 billion)

File for bankruptcy

Kinnear
Texaco
$2 billion

Pennzoil

Getty Oil
Liedtke's decision tree

Accept $3 Billion

Reject

Decision

Final court

Counteroffer

Texas accepts $5 Billion

Reject $2 Billion

Result ($ Billion)