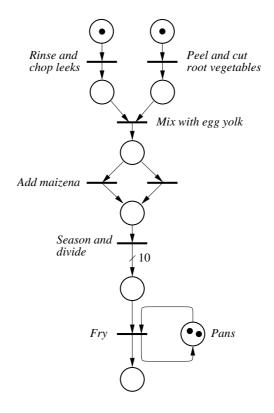
Solutions for Exercises, Week 1

1. Solution for Petri.3

The recipe can be modelled to various detail. Here is a proposal which reflects most of the desription:



Remarks: Whether to add maizena or not is represented by a choice with a void branch. The the crossed arc with a 10 represents 10 arrows corresponding to the division into portions. According to the way we define simultaneous firings of a transition with itself, the last part allows for frying two pancakes at a time.

2. Solution for Petri.5

Figure 1.1 in [Basic] is represented by Petri Net N = (P, T, F) where

[In order to represent multiple arrows between a place/transition pair, the relation F is understood to be a *multiset* (ie. a set in which each element may occur more than once).]