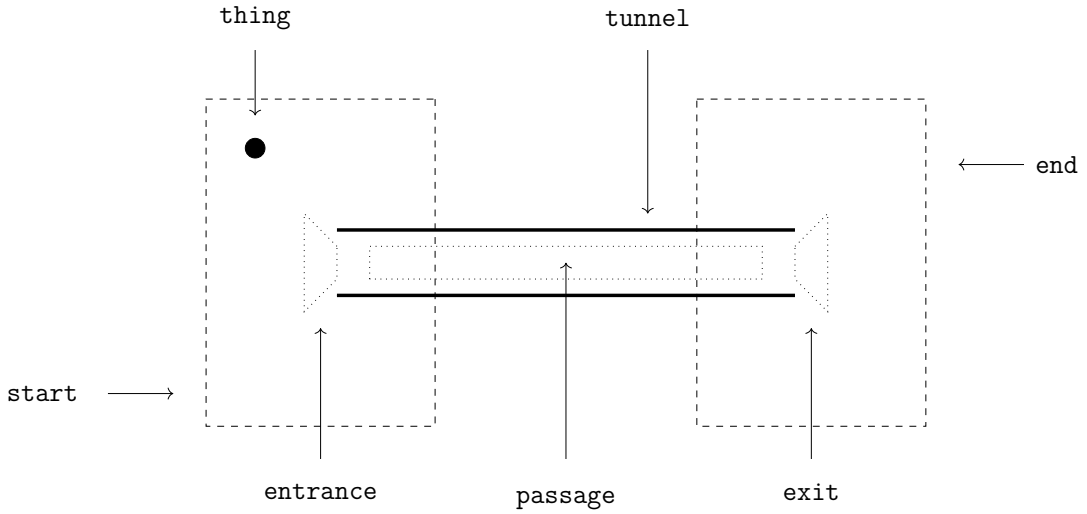
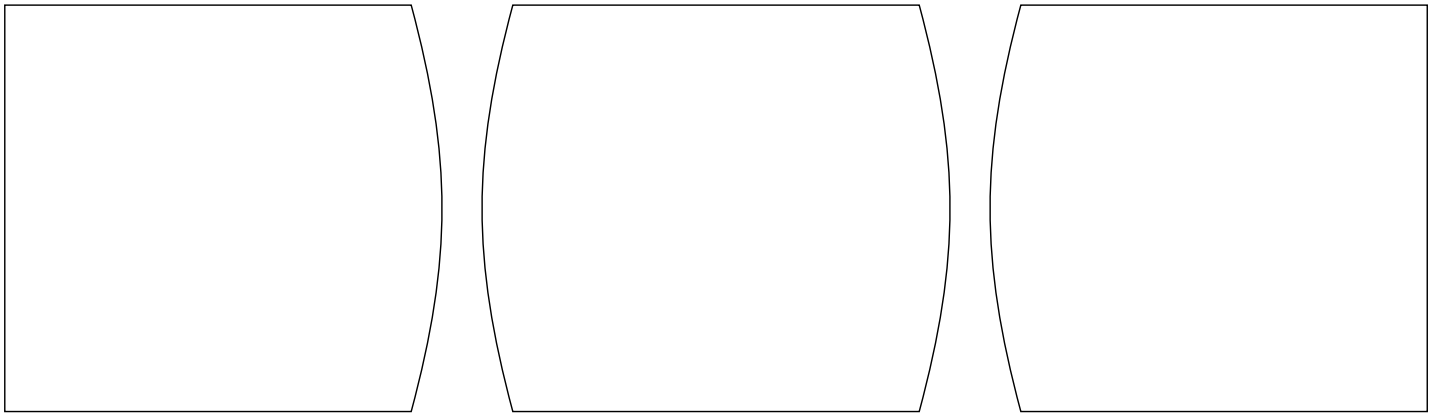
Prof. [redacted]
[redacted]: Diagrammatic Methods in [redacted]
Date: [redacted], 20[redacted]

Problem Sheet [redacted] (due Week [redacted])

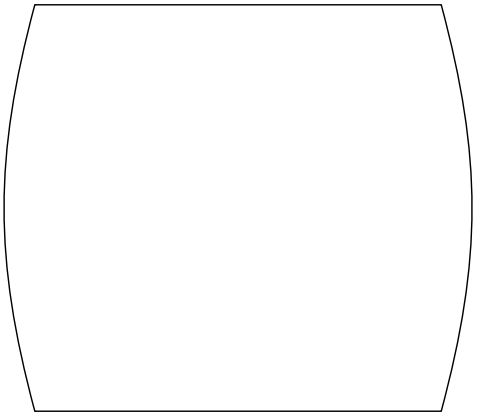
Question 1.
You may assume standard semantics of motion.
Consider the following iconic signature for the `TUNNEL` concept, with two movable shapes (in bold) and two place-indexings (indicated by dashed and dotted lines.)



a) Fill the 3-panel vignette in the `TUNNEL` signature for `thing goes through the tunnel`.



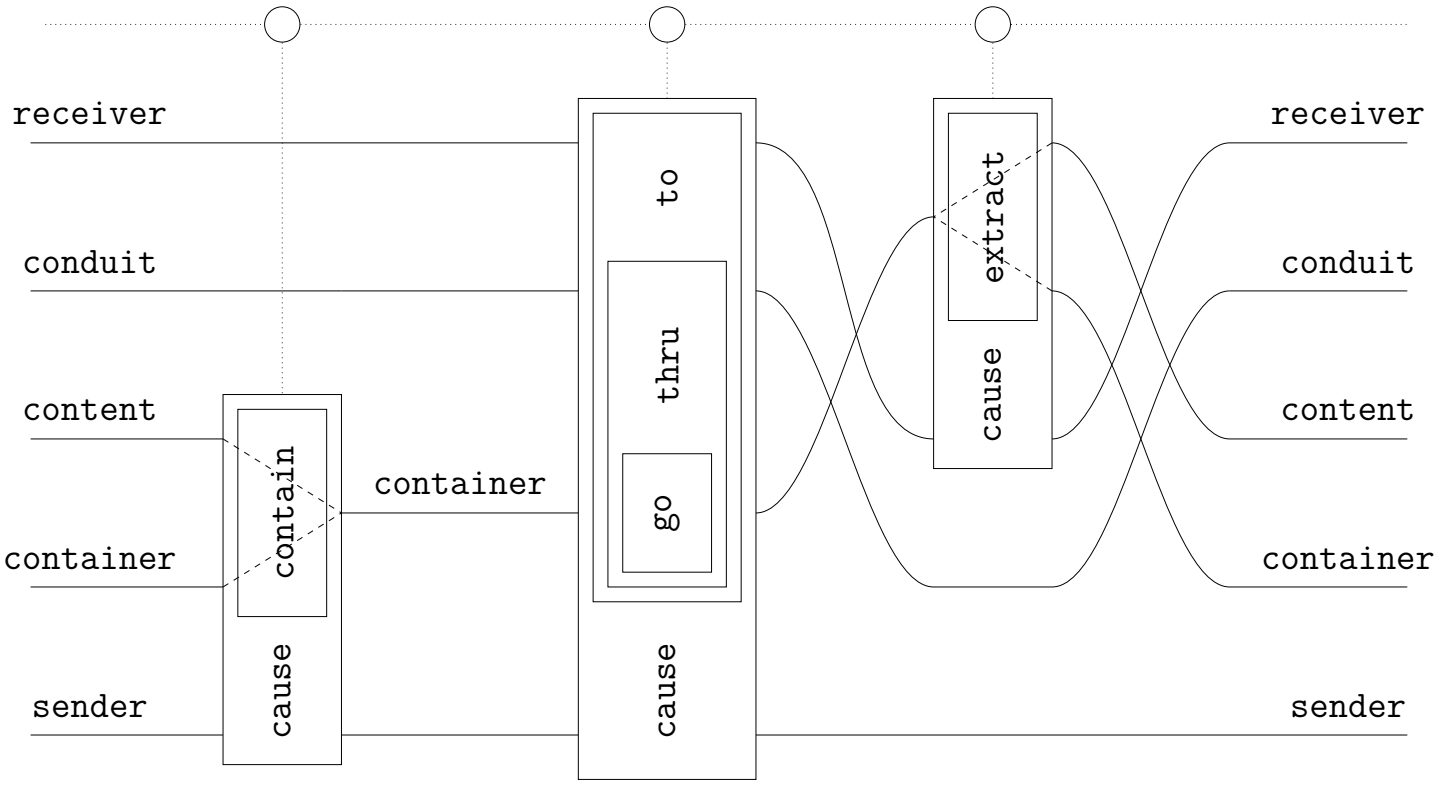
b) Depict an intermediate panel such that its splice **is not** a 3-panel vignette for the same sentence.



c) Briefly justify your answer for part b).

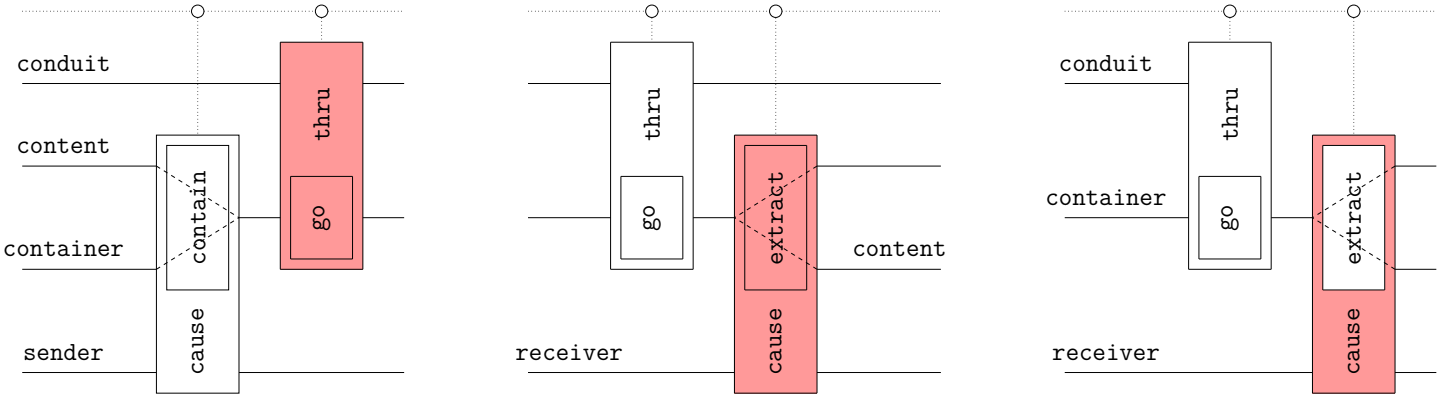
d) Hence, or otherwise, provide process typing and relations for `through` in `TUNNEL`.

Question 2.
Consider the following to be the characteristic process of the `CONDUIT` metaphor.



a) Analyse and equationally characterise `(N)cause(contains)` in terms of the dynamic verb `put` and static relation `in`. You may assume `put` = `cause`(`in`) and standard put-get typing.

b) Assuming standard negation semantics, label and gloss the following composites.



c) For each composite, give an example of a matching sentence in the `CONDUIT` metaphor, along with with brief justification.

Question 3.

a) Provide a phrasal analysis. You may ignore contextual determiners.

He gets the point through in an example.

b) Hence, or otherwise, provide a text circuit for the sentence.

c) Using your answers from previous questions, compute the iconic semantics in TUNNEL by merge-boxes. You may assume standard causal semantics and notation. Justify nonstandard notations.

(An additional blank page is provided for calculation, should you need it.)

Notices: Due to an ongoing [redacted] weather-event there is a [redacted] infestation in Hall [redacted]. Next week's lectures will take place on [redacted]-[redacted]: a reminder that non-[redacted] students must have their [redacted]-modules [redacted]ed and [redacted]ing AT ALL TIMES WITHOUT EXCEPTION.

[redacted] University