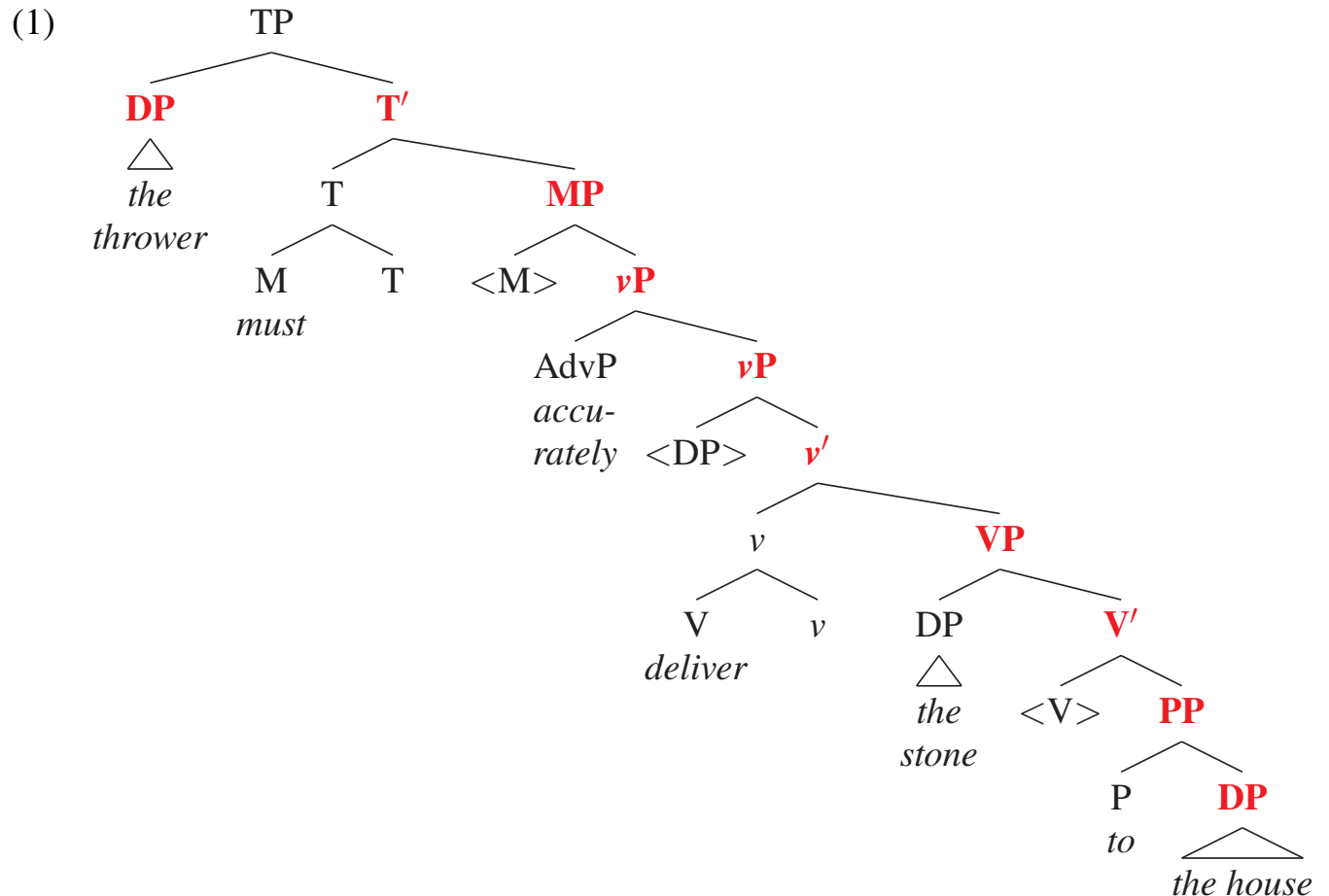**Budget your time. 24 points total. 80 minutes.**
The number of points assigned to each part is indicated by a number in brackets.

1. [5] Fill in the missing labels for the nodes in the tree below. Use the standard "X-bar" notation (e.g., DP, *v′*, etc.).

(1)

2. [4] Yes or No. In the sentence for which the structure is given in (1)...

(a) Is *accurately* occupying a specifier? **No**

(b) Is *accurately* a head? **Yes**

(c) Is *to the house* a Goal? **Yes**

(d) Is *the stone* an Experiencer? **No**

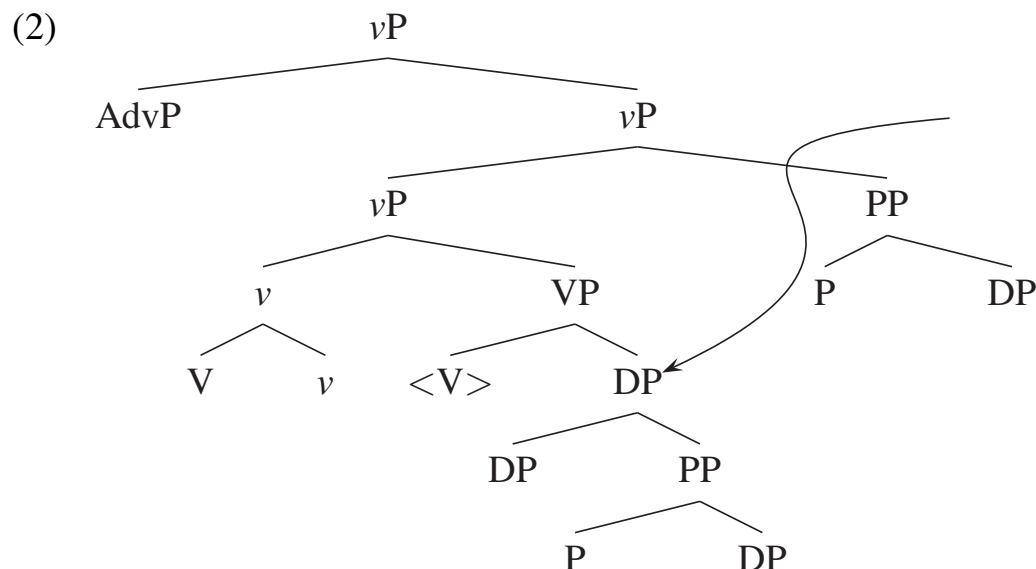**3. [1] Circle one.** The verb shown in (1) above is...

$\boxed{\text{ditransitive}}$ / transitive / unergative / unaccusative

4. [1] θ-role. Name the θ-role that *the thrower* has in (1). **Agent**

5. Suppose we start building a structure for a sentence, and at a certain stage we wind up with a *v*P as shown (abstractly) below in (2).

> *Note*: In the tree below, you should see a DP with a PP adjoined to it. We will probably construct these kinds of DPs a little bit differently once we have started looking more closely at the internal structure of DPs.

(2)

(a) [1] Name the θ-role assigned to the DP at the end of the arrow. **Theme**

(b) [1] How many times was Adjoin used? (Include the one attaching V to *v*.)

Four

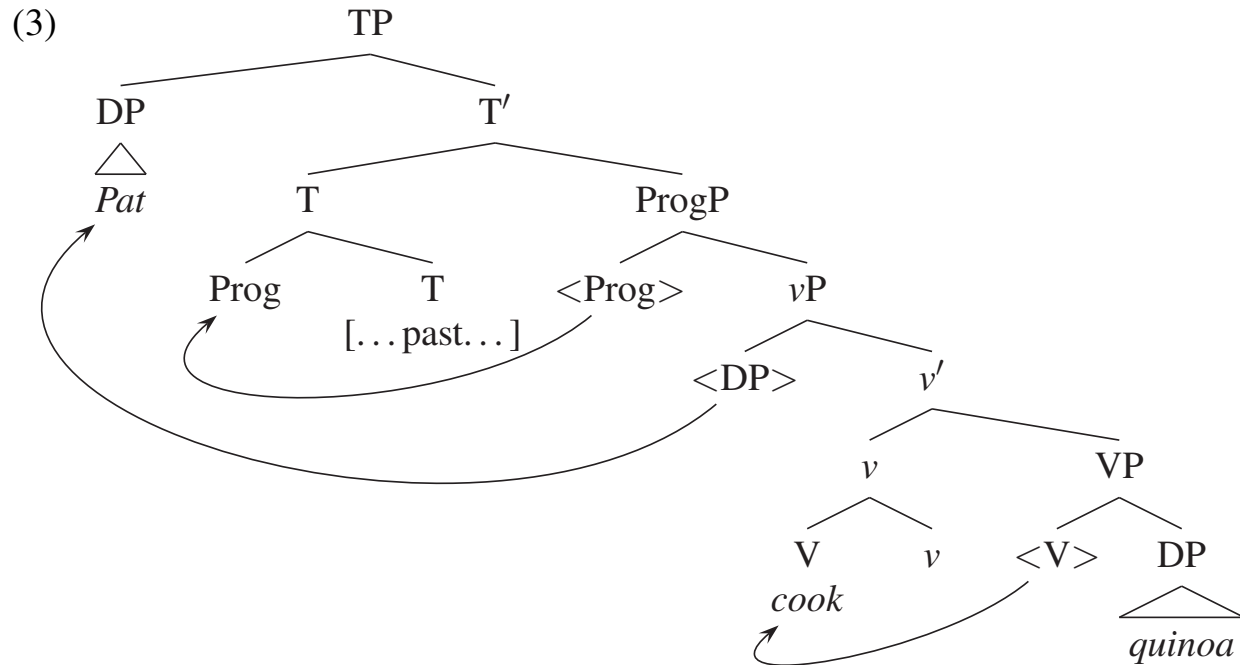(c) [1] How many [*u*D*] features were there—total—in these lexical items (not including the one on T that will be added later) initially?

Three

(d) [1] Which of the following three sentences might plausibly include the *v*P in (2)?

    1. Surprisingly there was pizza with pineapples in its crust.

    2. **The ice on the sidewalks slowly melted in stages.**

    3. Marbles often roll under the refrigerator with rapidity.

6. Suppose you had a sentence with the abstract structure given below in (3). I have provided the pronunciation of four syntactic objects: the DPs (*Pat* and *quinoa*), and the bare (uninflected) form of the verb (*cook*).

(3)

```
                         TP
              ┌──────────┴──────────┐
             DP                     T′
              △             ┌───────┴──────────┐
            Pat             T                ProgP
                     ┌──────┴──────┐     ┌─────┴─────┐
                   Prog            T   <Prog>        vP
                              [...past...]      ┌─────┴─────┐
                                             <DP>           v′
                                                      ┌─────┴─────┐
                                                      v           VP
                                                   ┌──┴──┐     ┌───┴───┐
                                                   V     v   <V>      DP
                                                  cook                 △
                                                                     quinoa
```

(a) [1] The verb shown in the structure in (3) (above) is...

<div align="center">

ditransitive / **transitive** / unergative / unaccusative

</div>

(b) [1] Draw arrows in the tree that show, for things that moved, where they moved from and to.

(c) [1] Write the sentence that this would be the structure for.

Pat was cooking Quinoa.

(d) [1] What was the motivation to move V to *v*?

To check the strong [*u*V*] feature of *v*.

(e) [1] *v* started with an unvalued [*u*Infl:] feature. What value does it wind up with?

Prog (that is, [~~*u*Infl~~: Prog])

7. [2] Binding Theory I. Consider the sentence in (4), which is "trying to mean" *John told himself that Mary didn't omit him (John) intentionally*, and answer the questions about it listed below.

(4)   * He$_i$ told John$_i$ that Mary didn't omit himself$_i$ intentionally.

(a) [1] Which noun phrase(s) bind(s) *John* in (4)? ***He*—and not *himself*.**

(b) [1] Which Principle of Binding Theory is *not* violated in (4)? **Principle B.**

8. [2] Binding Theory II. Now consider the sentence in (5), which is "trying to mean" *Mary convinced herself that she (Mary) would win*, and answer the questions about it listed below.

(5)   * Mary$_i$ convinced her$_i$ that herself$_i$ would win.

(a) [1] Which noun phrase(s) bind(s) *herself* in (5)? ***Mary* and *her*.**

(b) [1] Which Principle of Binding Theory is *not* violated in (5)? **Principle C.**