

Name: \_\_\_\_\_

Section: \_\_\_\_\_

## **Homework 4**

### **Due February 12/13**

1. Download hw4\_1.wav, and transcribe the sections in **bold only**. Try to be as accurate as you can with the symbols we've covered so far (i.e., narrow transcription).

Dennis Norton, what or who was hippocrene,

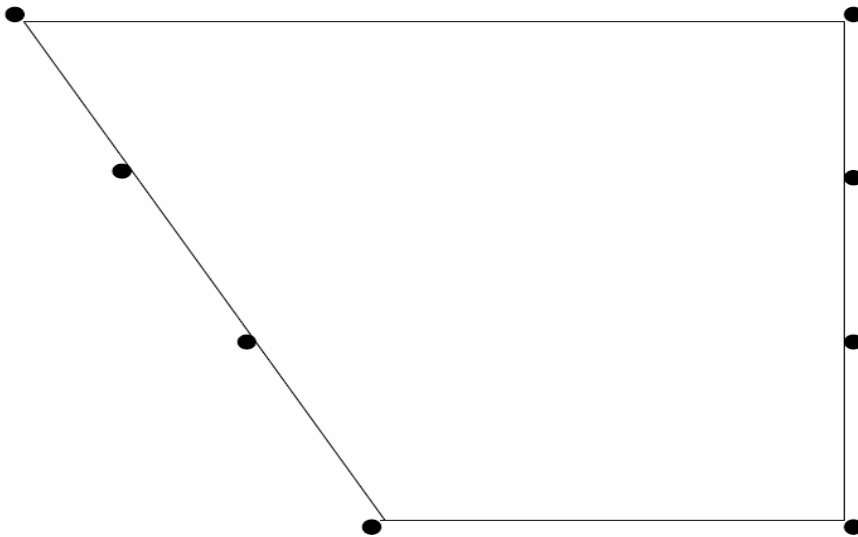
**H, I, double P, O, C, R, E, N, E, hippocrene?**

2. Recording Homework: For this homework assignment you will record your own vowels in an *hVd* context. Then, you will transcribe your own productions and plot them in the vowel space.

(1) Say the following words **twice** and record them. Save the sound files according to the naming convention; each sound file name should have three parts: subject code, target word, and production number. For example, if subject Hao produced "heed" once, the filename should be 'Hao\_heed\_1.wav.' The filename indicates that the sound file came from subject Hao, and that it was the first production of the word "heed". Use your last name as the subject code.

Heed	Hid	Head	Hard	Hod
Hawed	Hood	Hudd	Who'd	Hayed

- (2) Upload all your sound files to your “Drop Box” folder at L541 Oncourse website (<http://oncourse.iu.edu>). Do it before your lab session. Don’t lose the sound files because they will also be used later in the semester for another assignment.
- (3) Transcribe each vowel using the Daniel Jones cardinal vowels as reference points (the Jones’ cardinal vowels can be found on the lab website).
- (4) Using an empty vowel quadrilateral, plot where you think each production fits into the vowel space (this is simply a different representation of your narrow transcription). Indicate dynamics in diphthongs by drawing a line between two points.



- (1a) Heed\_1 \_\_\_\_\_  
 (1b) Heed\_2 \_\_\_\_\_  
 (2a) Hid\_1 \_\_\_\_\_  
 (2b) Hid\_2 \_\_\_\_\_  
 (3a) Head\_1 \_\_\_\_\_  
 (3b) Head\_2 \_\_\_\_\_  
 (4a) Hard\_1 \_\_\_\_\_  
 (4b) Hard\_2 \_\_\_\_\_  
 (5a) Hod\_1 \_\_\_\_\_  
 (5b) Hod\_2 \_\_\_\_\_

- (6a) Hawed\_1 \_\_\_\_\_  
 (6b) Hawed\_2 \_\_\_\_\_  
 (7a) Hood\_1 \_\_\_\_\_  
 (7b) Hood\_2 \_\_\_\_\_  
 (8a) Hudd\_1 \_\_\_\_\_  
 (8b) Hudd\_2 \_\_\_\_\_  
 (9a) Who'd\_1 \_\_\_\_\_  
 (9b) Who'd\_2 \_\_\_\_\_  
 (10a) Hayed\_1 \_\_\_\_\_  
 (10b) Hayed\_2 \_\_\_\_\_