

Name: _____ Homework 1 – Phonology W12

Fill in the descriptive terms of the following obstruents (Consonants).

	IPA Symbol	Voicing	Place	Manner
1.	p	voiceless	bilabial	stop
2.	b	voiced	bilabial	stop
3.	t	voiceless	alveolar	stop
4.	d	voiced	alveolar	stop
5.	ʈ	voiceless	retroflex	stop
6.	ɖ	voiced	retroflex	stop
7.	c	voiceless	palatal	stop
8.	ɟ	voiced	palatal	stop
9.	k	voiceless	velar	stop
10.	g	voiced	velar	stop
11.	q	voiceless	uvular	stop
12.	ɢ	voiced	uvular	stop
13.	ʔ	voiceless	glottal	stop
14.	ɸ	voiceless	bilabial	fricative
15.	β	voiced	bilabial	fricative
16.	f	voiceless	labiodental	fricative
17.	v	voiced	labiodental	fricative
18.	θ	voiceless	(inter)dental	fricative
19.	ð	voiced	(inter)dental	fricative
20.	s	voiceless	alveolar	fricative
21.	z	voiced	alveolar	fricative
22.	ʃ	voiceless	post alveolar	fricative
23.	ʒ	voiced	post alveolar	fricative
24.	ɬ	voiceless	retroflex	fricative
25.	ɮ	voiced	retroflex	fricative
26.	ç	voiceless	palatal	fricative

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	IPA Symbol	Voicing	Place	Manner
27.	j	voiced	palatal	fricative
28.	x	voiceless	velar	fricative
29.	ɣ	voiced	velar	fricative
30.	χ	voiceless	uvular	fricative
31.	ʁ	voiced	uvular	fricative
32.	ħ	voiceless	pharyngeal	fricative
33.	ʕ	voiced	pharyngeal	fricative
34.	h	voiceless	glottal	fricative
35.	ɦ	voiced	glottal	fricative

Fill in the descriptive terms of the following sonorants (Consonants).

	IPA Symbol	Voicing	Place	Manner1	Manner2
36.	m	voiced	bilabial	nasal	stop
37.	ɱ	voiced	bilabial	nasal	stop
38.	n	voiced	alveolar	nasal	stop
39.	ɳ	voiced	retroflex	nasal	stop
40.	ɲ	voiced	palatal	nasal	stop
41.	ŋ	voiced	velar	nasal	stop
42.	ɴ	voiced	uvular	nasal	stop
43.	ʙ	voiced	bilabial	trill	
44.	ʀ	voiced	alveolar	trill	
45.	ʁ	voiced	uvular	trill	
46.	ɾ	voiced	alveolar	tap	
47.	ɽ	voiced	retroflex	flap	
48.	ɭ	voiced	alveolar	lateral	fricative
49.	ɮ	voiced	alveolar	lateral	fricative
50.	ʋ	voiced	labiodental	approximant	

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	IPA Symbol	Voicing	Place	Manner1	Manner2
51.	ɹ	voiced	alveolar	approximant	
52.	ɻ	voiced	retroflex	approximant	
53.	j	voiced	palatal	approximant	
54.	ɰ	voiced	velar	approximant	
55.	l	voiced	alveolar	lateral	approximant
56.	ɭ	voiced	retroflex	lateral	approximant
57.	ʎ	voiced	palatal	lateral	approximant
58.	ʟ	voiced	velar	lateral	approximant
59.	w	voiced	labial-velar	approximant	
60.	ʍ	voiceless	labial-velar	approximant (fricative)	
61.	ɥ	voiced	labial-palatal	approximant	

Here is a blank vowel chart to fill in for your convenience. It is the modified chart with the low central vowel in low central position and low front vowel in low front position.

