

1. Study the diagrams below and in the spaces below, state (1) the place(s) of articulation, (2) the manner of articulation of each sound. In addition, give (3) the IPA symbols and (4) descriptions of the possible phone(s) that is depicted in each illustration and (5) an example of an English word beginning with the sound(s) illustrated in each.

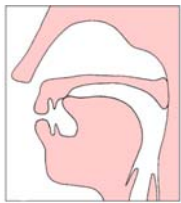

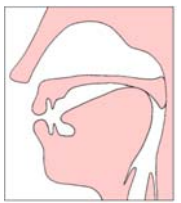
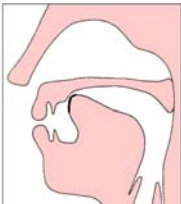

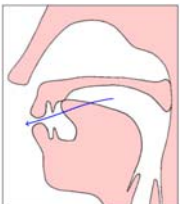
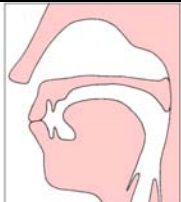
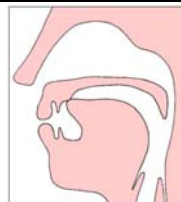
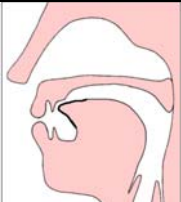



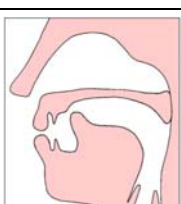
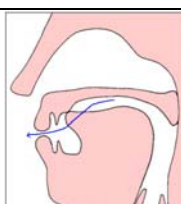

A		B		C	
D		E		F	
G		H		I	
J		K		L	
M		N		O	

Diagram	Place of Articulation	Manner of Articulation	IPA Symbol (s)	Description	Example
A	Tip or blade of the tongue & alveolar ridge	Plosive	[t] [d]	Alveolar plosive	tap, dad
B	Labials / lips	Nasal stop	[m]	Bilabial nasal stop	man
C	Back of the tongue & velum	Plosive	[k] [g]	Velar plosive	kit, gum
D	Blade of the tongue & palato-alveolar region	Fricative	[ʃ] [ʒ]	Palato-alveolar fricative	ship, genre
E	Tip or blade of the tongue & alveolar ridge	Fricative	[s] [z]	Alveolar fricative	sun, zip
F	Centre of blade of the tongue & alveolar ridge	Lateral approximant	[l]	Alveolar lateral approximant	late
G	Labials / lips	Plosive	[p] [b]	Bilabial plosive	pin, bin
H	Tip of the tongue & the alveolar ridge	Nasal stop	[n]	alveolar nasal stop	not
I	Tip of the tongue & upper teeth	Fricative	[θ] [ð]	Dental fricative	theatre, this
J	Lower lip & upper teeth	Fricative	[f] [v]	Labio-dental fricative	fit, vet
K	Front of the tongue & hard palate	approximant	[j]	Palatal approximant	yet
L	Back of the tongue & velum	Nasal stop	[ŋ]	Velar nasal stop	sing
M	Blade of the tongue & alveolar ridge	Approximant	[ɹ]	Alveolar approximant	rat
N	Centre or blade of the tongue, alveolar ridge & velum	lateral approximant	[ŋ]	Velarized lateral approximant or Dark l	bottle
O	Labials / lips, back of the	approximant	[w]	Labio-velar approximant	one

	tongue & velum				
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2. Circle the words that begin with a stop:

philanderer plasterer cry parsimonious psyche
charismatic cereal carping tickle ghoulish
grueling guardian thick bin dreary

3. Circle the words that begin with a fricative:

ship psychology veer round plot
philosophy think late xylophone

4. Circle the words that end with a fricative:

stack whale swim epitaph half halve
hash haze phase use path cuts
pleads mission energy later truth froth

5. Circle the words that end with a nasal:

rain rang dumb deaf

6. Circle the words that begin with a lateral:

nut lull bar rob list one

7. Circle the words that begin with an approximant:

we you shut run one cry

8. Describe the position and action of the articulators during the production of the following sounds –

e.g.

[d] – the blade of the tongue forms a constriction of complete closure with the alveolar ridge, vocal cords are vibrating

[f] – lower lip is brought close to the upper teeth in a constriction of

	Phone	Position and action of the articulators during production
		the tip of the tongue is brought into a constriction of close approximation with the upper teeth, vocal cords are vibrating
		A constriction of complete closure is made at the lips, vocal cords are not vibrating
		the back of the tongue forms a constriction of complete closure with the velum, vocal cords are vibrating
		the blade of the tongue forms a constriction of complete closure with the alveolar ridge, vocal cords are not vibrating
		the vocal cords are brought into a constriction of close approximation, vocal cords are not vibrating
		the blade of the tongue is brought into a constriction of close approximation with the palato-alveolar region, vocal cords are not vibrating
		the back of the tongue forms a constriction of complete closure with the velum, vocal cords are not vibrating
		the tip of the tongue is brought into a constriction of close approximation with the upper teeth, vocal cords are not vibrating
		the tip or blade of the tongue is brought into a constriction of close approximation with the alveolar ridge, vocal cords are not vibrating
		A constriction of complete closure is made at the lips, vocal cords are vibrating
		lower lip is brought close to the upper teeth in a constriction of close approximation, vocal cords are vibrating
		the tip or blade of the tongue is brought into a constriction of close approximation with the alveolar ridge, vocal cords are vibrating

