

## Phonemic-graphemic correspondence charts

### Common basic (monomorphemic) words

#### Consonants

Basic form: the grapheme/s representing the consonant in *word-initial* position; in *medial* position after a long vowel, a short vowel perceived as a vowel bigrapheme, and after a weak vowel; in *final* position, including before another consonant, but excluding the case of a monosyllabic lexical item that has no onset consonant. Example: *pat, paper, staple, couple, callipers, multiple, tap, apt, tulip*.

Doubled form: the grapheme/s representing the consonant in *medial* position after a short vowel perceived as a single grapheme (protographeme), and optionally after a word-initial weak vowel; in final position in a monosyllabic lexical item that has no onset consonant (the ‘three letter rule’).

Example: *supper* (~*super*), *apart/appear, ebb*

Special form: the grapheme/s representing the consonant in specific environments, as indicated.

	Basic	Doubled	Special	Test item
p	<b>p</b>	<b>pp</b>		'dʒɪpəl: pp 90; p 10 əˈpeɪzəˈneə: p 76.7; pp 23.3    rɪˈpɑ: : p 100
b	<b>b</b>	<b>bb</b>		
t	<b>t</b>	<b>tt</b>		'kwɒtɪə: tt 15.6; t 84.4
d	<b>d</b>	<b>dd</b>		ʌd: dd 73.3; d 25.6
m	<b>m</b>	<b>mm</b>		əˈmeə: m 95.6; mm 4.4
n	<b>n</b>	<b>nn</b>		əˈnɪə: n 88.9; nn 8.9
f	<b>f</b>	<b>ff</b>	<b>ff</b> also in final position after a short vowel, in lexical items (eg <i>cuff, mastiff</i> )	
r	<b>r</b>	<b>rr</b>		'gærən: rr 78.9; r 18.9
h	<b>h</b>			
k	<b>c</b>		before <a, o, u> and consonants; in final position after weak /ɪ/ (eg <i>music</i> )	kli: : c 70.4; k 29.6    klɑɪt: c 42.9; k 52.6 kənˈvju: : c 100    'kɒʃənət: c 72.8; k 27.2 'sʌktʃuəl: c 68.3; ck 20.2; cc 4.4
	<b>k</b>		before <e, i, y>; in final position after long vowels and short vowels perceived	kaɪ: kai/y 58.2; kie/ye/igh 29.1; cay 4.4

				'lɔ:kɪʃ: k 95.4; qu 3.4
	<b>cc</b>	as vowel bigraphemes (eg <i>beak, book</i> )		
	<b>ck</b>	optionally for <c> after word-initial weak vowel (eg <i>account/acute</i> ) as the doubled form after a short vowel perceived as a single grapheme; in final position after short and weak vowels (other than weak /ɪ/) (eg <i>pack, paddock</i> )		'fræki: ck 76.1; k 9.1; kk 8; cc 4.4
		<b>qu</b> for the sequence /kw/ (eg <i>frequent</i> )		'kwɒtɪə: qu 90.5
		<b>x</b> for the sequence /ks/ (eg <i>axle</i> ), except in a final unstressed syllable in a noun denoting study (eg <i>electronics</i> )		'ju:flɪks: x 89; cks 11
g	<b>g</b>	<b>gg</b>	possibly <b>gu</b> before <e, i, y> (eg <i>guess, guide, guy</i> ) <b>gue</b> in final position after long vowels (eg <i>vague</i> ) <b>x</b> for the sequence /gz/ before a vowel (eg <i>exist</i> )	
				ɪg'zɜ:stʃə: x 64.2; xh 12.5; xc 7.5; gz/s 12.5
ŋ	<b>n, ng</b>	<b>n</b> before consonants; <b>ng</b> in final position (eg <i>wink, wing</i> )		'si:nɪŋ: ng 97.8
v	<b>v</b>	possibly <b>ve</b> in final position (eg <i>have</i> )		tʃʌv: v 86.7; ve 11.1
θ	<b>th</b>			wəʊθ: th 75; the 25
ð	<b>th</b>	possibly <b>the</b> in final position (eg <i>breathe</i> )		brəʊð: the 58.4; th 32.6
s	<b>s</b>	optionally <b>c</b> before <e, i, y> (eg <i>cent, circle, cycle</i> ) either <b>se</b> or <b>ce</b> for word-final /s/ after a long vowel or consonant (eg <i>loose, lace; sparse, scarce; dense, pence</i> ) possibly <b>ss</b> or <b>ce</b> for word-final /s/ after a weak vowel (eg <i>harness, palace</i> )		'si:nɪŋ: s 64.8; sc 22.7; c 12.5
	<b>ss</b>	possibly also in final position after a short vowel (eg <i>lass; cf gas</i> ) (and the long vowel perceived as <a> in Southern England Standard Pronunciation, eg <i>pass</i> ) after a word-initial weak vowel, optionally <b>sc</b> before <e, i, y> (eg <i>assent, ascent/asylum</i> )		
z	<b>z</b>	optionally <b>s</b> in medial position after a long vowel (eg <i>measles</i> ) either <b>ze</b> or <b>se</b> in final position after a long vowel (eg <i>prise, prize</i> ) <b>s</b> in final <-ism> (eg <i>prism</i> )		
	<b>zz</b>	possibly <b>z</b> or <b>s</b> (eg <i>buzzard, wizard, visit</i> ) <b>zz</b> also in final position after a short vowel, in lexical items (eg <i>buzz, jazz</i> )		'hæzədʒ: z 51.3; s 42.5; ss 3.8

ʃ	<b>sh</b>	<b>ti</b> after long vowels and consonants, and <b>ssi</b> after short vowels for /-ʃən/ as a noun for a process or object (orthographic <i>-tion, -ssion</i> ) <b>ci</b> for /-ʃən/ as a noun for a profession (orthographic <i>-cian</i> ) <b>ti</b> or <b>ci</b> before /-əl/ as an adjective (orthographic <i>-tial, -cial</i> ) <b>ss</b> for /-ʃə/ as a noun for a process or object (orthographic <i>-ure</i> )	'kɒʃənət: sh 86.4; ssi 3.7
ʒ		<b>si</b> for /-ʒən/ (orthographic <i>-sion</i> ) <b>s</b> or <b>z</b> for /-ʒə/ as a noun (orthographic <i>-sure, -zure</i> ) <b>s</b> before /-uəl/ as an adjective (orthographic <i>-sual</i> ) <b>ge</b> in final position (eg <i>beige</i> )	əˈpeɪzəˈneə: ge/i 42.3; si 25.6; ga/o 9; j 7.7; ti 7.7
tʃ	<b>ch</b>	<b>tch</b> after a short vowel in lexical items (eg <i>satchel, match</i> ; but <i>much</i> ) <b>t</b> after a long vowel or a consonant for /-tʃə/ (orthographic <i>-ture</i> ); also before /-uəl/ as an adjective (orthographic <i>-tual</i> )	ɪgˈzɜːstʃə: ture 52.5; ti 31.25; (d)g 11.25 'sʌktʃuəl: tu 95.5
dʒ	<b>j</b>	optionally <b>g</b> before <e, i, y> in initial and medial positions (eg <i>gem, gin, gym</i> ; <i>dungeon, rigid</i> ) <b>ge</b> in final position after a long or weak vowel, or a consonant (eg <i>rage</i> , <i>marriage, range</i> ) <b>dg</b> in medial position after a short vowel (eg <i>fidget</i> ) <b>dge</b> in final position after a short vowel (eg <i>hedge</i> )	'dʒɪpəl: j 69.3; g(i/y) 30.7 'hæzədʒ: ge 66.25; dge 26.25; (d)j 7.5 flɪdʒ: dge 100
l	<b>l ll</b>	either <b>le, el</b> or <b>al</b> for syllabic /l/ and final /-əl/ (eg <i>peddle, model, pedal</i> ; <i>rabble, rebel</i> (n), <i>oval</i> )	'sʌktʃuəl: al 97.8 'dʒɪpəl: le 92; el 3.3
j	<b>y</b>	optionally unspelt before /u:, uə, u/ (eg <i>usual, Europe</i> )	'juːflɪks: u 43.9; eu 29.2; yu/ou 24.4
w	<b>w</b>	except after /k/ (= <qu>) possibly <b>wh</b> in initial position (eg <i>what</i> )	wəʊθ: w 97.8

## Vowels

There is no significant difference in the spelling of vowels in initial and medial positions, but there is in final position.

	Non-final	Final		
ɪ	<b>i</b>			
ɛ	<b>e</b>			
æ	<b>a</b>			
ɒ	<b>o</b>			
ʌ	<b>u</b>	possibly <b>o</b> before <v> (eg <i>cover, dove</i> )	tʃʌv: u 91.1; o 6.7	
ʊ	<b>oo</b>	<b>u</b> before /ʃ, l/ (eg <i>push, pull</i> )	dʊp: u 81; oo 8.9; ou 5.6	
i:	<b>ee/ea</b>	<b>ee/ea</b>	<b>i</b> before final /ʒ/, and possibly before final /n/ (orthographic <i>-ige, -ine</i> ) possibly <b>e</b> before a single consonant (eg <i>complete</i> )	kli: : ee 78; ea 19.2 'si:nɪŋ: ee 64.8; e 15.5; ei 11.4; ea 8
ɑ:	<b>ar</b>	<b>ar</b>	<b>a</b> before final /ʒ/, and possibly before final /s/ (orthographic <i>-age, -ass</i> ) NB <b>ar</b> in non-final position must be followed by a consonant (eg <i>barter</i> )	rɪ'pɑ: : ar 87.2; are 10.5
ɜ:	<b>er/ir</b>	<b>er/ir</b>	possibly also <b>ear</b> and <b>our</b> in non-final position (eg <i>earth, journey</i> )	ɪg'zɜ:stʃə: er 59; ur 40
ɔ:	<b>or/oar</b>	<b>or/oar</b>	possibly <b>eur</b> as primary stress in final position (eg <i>chauffeur</i> )	pə'trɜ: : er 28.2; ur 16.7; eur 16.7; ure 7.7; ere 5.1
u:	<b>oo/u</b>	<b>oo/ue</b>	<b>u.e</b> in a final closed syllable (eg <i>rule</i> )	'lɔ:kɪʃ: or 60.2; aw 24; au 8
(ju:)	<b>ew/u</b>	<b>ew/ue</b>	<b>u.e</b> in a final closed syllable (eg <i>tune</i> )	bə'lɔ: : ore 65.6; or 13.3; aw 6.7; our 5.6
	<b>/you</b>			'ju:flɪks: (see /j/ above)
ei	<b>ai/a</b>	<b>ay</b>	<b>ai</b> or <b>a.e</b> in a final closed syllable (eg <i>gait, gate</i> )	kən'vju: : (i)ew 63.3; ue 33.3
				ə,peɪzə'nɛə: a 55.1; ai 38.5; ay 5.1
				gleɪt: a.e 69.3; ai 9.1; ai.e 8; eigh 6.8; aigh 4.5

ai	<b>i</b>	<b>y/ie</b>	<b>igh</b> before /t/ (eg <i>light</i> ); <b>i.e</b> in other final closed syllables (eg <i>line</i> )	ver: ay 52.3; ey 23.8; eigh 8.3; ae 4.8 kai (see/k/ above) raiə: y 35.4; i 29.3; iy 7.3; aiy 4.8 klaɪt: igh 38.4; i.e 30.2; ai 9.3; eigh 7; ei 4.7; ie 4.7 fɔɪ: oy 51.1; oi 30.7; oye 13.6; brəʊð: o..e 46.7; ow..(e) 26.5; oa..(e) 11.9; ou..e 5.7 wəʊθ: o..(e) 42; oa..(e) 39.8; ow..(e) 12.5; ou 5.7 trəʊ: ow 62.5; o 11.4; ough 11.4; ou 8; owe 4.5; oe 3.4 'praʊnə: ow 72.7; ou 19.3; au 4.5 raʊə: ow 56.8; aw 19.3; au 6.8; ou 5.7; auw 3.4 draʊ: ow 65.5; ough 17.2; au 10.3; auw 4.6 ə'niə: ear 63.1; eer 29.8; ere 2.3
ɔɪ	<b>oi</b>	<b>oy</b>	<b>oy</b> before a vowel in medial position	ə'meə: are 31.7; air 17.1; ayer 15.9; ere 12.2; aire 6.1
əʊ	<b>o/oa</b>	<b>o/oe</b>	<b>o, oa</b> or <b>o.e</b> in a final closed syllable (eg <i>most, moat, mote</i> )	ə'peɪzə'neə: aire 73.1; air 14.1; are 6.4
		<b>/ow</b>		
aʊ	<b>ou/ow</b>	<b>ow</b>		bə'dʒʊə: ure 34.5; uer 22.6; ewer 15.5; ua 8.3; uar 6
ɪə	<b>ear/eer</b>	<b>ear/eer</b>		'fræki: y 64.8; ie 20.5; ey 11.4
		<b>/ere</b>		'kwɒtɪə: i 95.2; e 4.8
ɛə	<b>air/ar</b>	<b>air/are</b>	possibly <b>aire</b> as primary stress in final position (eg <i>solitaire</i> ) NB <b>air/ar</b> in non-final position must be followed by a vowel (eg <i>wary</i> )	rɪ'pɑ: : e 97.8                    'si:nɪŋ: i 100
ʊə	<b>oor/our</b>	<b>oor/our</b>		ɪg'zɜ:stʃə: e 94; i 6            'ju:flɪks: i 87.8; e 12.2
(j)ʊə		<b>ure</b>		'sʌktʃuəl: u 100
i	<b>i/e</b>	<b>y/ey</b>	possibly <b>ie</b> after a <k> in final position (eg <i>bookie</i> )	ə'niə: a 45.2; e 42.9; i 7.1            ə'meə: a 72; e 24.4
ɪ (weak)	<b>i/e</b>		(NB word-initial <ex->)	ə'peɪzə'neə: a 94.9; u 5.1
(j)ʊ	<b>u</b>			bə'dʒʊə: e 95.2    bə'lɔ: : e 98.9    kən'vju: : o 100
ə	<b>a/e/o/</b>	<b>a/er/re</b>		pə'trɜ: : e 59; a 23.1; or 7.7; o 5.1
	<b>u/ou</b>	<b>or/ure</b>		ə'peɪzə'neə: io 64.1; e 20.5; u 7.7

'kɒʃənət: e 35.8; i 25.9; io 17.3; o 8.6; u 6.2  
 'kɒʃənət: a.e 61.7; e 17.3; u 7.4; a 6.2  
 'gærən: e 52.3; a 20.9; o 20.9; u 4.7  
 'hæzədʒ: a 43.75; u 36.25; ar 7.5; e 6.25  
 'praʊnə: er 86.4; a 13.6  
 ɪg'zɜ:stʃə: ure 52.5; ia 21.8; er 7.7;  
 raiə: er 50; a 24.4; or 7.3; ar 6.1  
 rauə: er 79.5; a 13.6; ar 4.5  
 'kwɒtɪə: er 86.9; re 7.1; a 6

wʌ **wo** (NB *swum, swung*)  
 wɜ: **wor were** when preceded by /k/: **quir** (eg *squirt*)  
 wɒ **wa** when preceded by /k/: **qua** (eg *quality*)  
 wɔ: **war/wor** when preceded by /k/: **quar/quor** (eg *quart, quorum*)  
**war/wore**

'kwɒtɪə: (qu)a 66.7; (qu)o 21.4; (qu/c)oi 7.1

## Technical words

### Consonants

Basic form: the grapheme representing the consonant in all positions

Alternative form: the alternative grapheme representing the consonant in most, if not, all positions

Special form: the grapheme/s representing the consonant in specific environments, as indicated

	Basic	Altern	Special	
p	<b>p</b>			
b	<b>b</b>			
t	<b>t</b>			
d	<b>d</b>			
g	<b>g</b>			
m	<b>m</b>			
n	<b>n</b>			
ŋ	<b>n</b>		before /k, g/ only	
f	<b>f</b>	<b>ph</b>		
v	<b>v</b>			
θ	<b>th</b>			
h	<b>h</b>			
s	<b>s</b>		optionally <b>c</b> before <e, i, y>	'dʒɛərɔɪ'setəli:n: s 61.1; c 31.1
			possibly <b>tz</b> for the sequence /ts/ in medial position	'vɔɪsəʊklaɪd: ce 44.4; c 33.3; s 22.2 ru:'mætsɔɪd: tz 58.9; ts 32.2 glə'mætsə'rɪə: ts 57.8; tz 28.9
z	<b>z</b>		optionally <b>x</b> in initial position	'zɪərɒks: #z 63.3; x 36.7 'zɪərɒks: x# 97.8 zɑɪ'lɒdʒɪnəs: z 57.8; x 42.2
			optionally <b>s</b> in medial position	'eɪzəpri:n: z 50; s 47.8
l	<b>l</b>		possibly <b>ll</b> after a short vowel (eg <i>callisthenics</i> )	
r	<b>r</b>	<b>rh</b>	possibly <b>rr</b> or <b>rrh</b> after a short or weak vowel (eg <i>diarrhoea</i> )	ru:'mætsɔɪd: r 68.9; rh 31.1 glə'mætsə'rɪə: r 93.3; rh 6.7

k	c	k	before <a, o, u> and <l, r>; <b>k</b> in initial position (eg <i>kaolin</i> )	sə:'keɪʃən: c 97.8; k 2.2 krɔːtɪ'lɑɪtəs: c 72.7; k 21.2; ch 6.1 'vɔɪsəʊklaɪd: c 87.7; k 9.2
	<b>ch</b>	<b>k</b>	before <e, i, y> and optionally <l, r>; <b>k</b> in initial position (eg <i>kerosene</i> ) possibly <b>cc</b> or <b>cch</b> after a short vowel in medial position (eg <i>saccharine</i> ) <b>qu</b> for the sequence /kw/ <b>x</b> for the sequence /ks/; possibly <b>cc</b> before <e, i, y> in medial position <b>cs</b> for the sequence /ks/ in a final unstressed syllable in a noun denoting study	glɪθɪ'rɔɪtɪks: x 65.6; cs 28.9; cks 5.6 θaɪlə'dʒɪlɪks: x 44.4; cs 44.4; cks 8.9 sə:'keɪʃən: ti 86.7; si 8.9
ʃ			<b>ti</b> after long vowels and consonants, and <b>ssi</b> after short vowels for /-ʃən/ as a noun for a process or object (orthographic <i>-tion, -ssion</i> ) <b>ci</b> for /-ʃən/ as a noun for a profession (orthographic <i>-cian</i> ) <b>ti</b> or <b>ci</b> before /-əl/ as an adjective (orthographic <i>-tial, -cial</i> ) <b>ss</b> for /-ʃə/ as a noun for a process or object (orthographic <i>-ure</i> ) possibly <b>x</b> for /kʃ/ before /u/	daɪ'lɪkʃuəs: x 48.6; ct 48.6
ʒ			<b>si</b> for /-ʒən/ (orthographic <i>-sion</i> ) <b>s</b> or <b>z</b> for /-ʒə/ as a noun (orthographic <i>-sure, -zure</i> ) <b>s</b> before /-uəl/ as an adjective (orthographic <i>-sual</i> )	
tʃ			<b>tu</b> after a long vowel or a consonant for /-tʃə/ (orthographic <i>-ture</i> ) also as /-uəl/ as an adjective (orthographic <i>-tual</i> ) <b>ge</b> in final position after a long vowel (eg <i>triage</i> ) <b>g</b> before <e, i, y> in initial and medial positions	nu:'mɛtʃərə: ture 50; tua 8.9; tuer 5.6
dʒ			<b>j</b> before <a, o, u> (eg <i>conjunctivitis</i> ) <b>du</b> as /-uəl/ as an adjective (orthographic <i>-dual</i> ) <b>ge</b> after a weak vowel (eg <i>wattage</i> ) unspelt before /u:, uə, u/ (eg <i>urology</i> )	'dʒɛərəʊ'setəli:n: g 83.3; j 12.2 θaɪlə'dʒɪlɪks: g 91.1; j 6.7 zɑ:l'ɒdʒɪnəs: g 80; dg 11.1
j				nu:'mɛtʃərə (possibly interpreted as nju:'mɛtʃərə): u 68.9; eu 15.6; ew 15.6



## Vowels

Basic form: the grapheme representing the vowel in all positions

Alternative form: the alternative grapheme representing the vowel in most, if not, all positions

Special form: the grapheme/s representing the vowel in specific environments, as indicated

	Basic	Altern	Special	
i	<b>i</b>	<b>y</b>	possibly <b>e</b> in 'ex'	<i>gliθ</i> 'rɔɪtɪks: i 56.7; y 43.3 <i>gliθ</i> 'rɔɪtɪks: i 93.3; e 6.7 <i>θaɪlə</i> 'dʒɪlɪks: i 84.4; y 11.1 <i>θaɪlə</i> 'dʒɪlɪks: i 97.8; y 2.2 nu:'mætʃərə: e 100      'dʒɛərəʊ'setəli:n: e 100 ru:'mætsɔɪd: a 100      glə'mætsə'rɪə: a 100 'zɪərəʊks: o 100      zɑ'lɒdʒɪnəs: o 100 'haɪdrʌm: u 90; a 8.9      dɑ'lʌkʃuəs: u 97.8; e 2.2
ɛ	<b>e</b>			
æ	<b>a</b>			
ɒ	<b>o</b>			
ʌ	<b>u</b>			
i:	<b>e</b>		<b>e.e</b> in a final closed syllable <b>i</b> possibly before final /n/ (orthographic <i>-ine</i> )	'eɪzəpri:n: ee 39.5; i.e 36.8; e.e 23.7 'dʒɛərəʊ'setəli:n: i.e 80; e.e 13.3; ee 2.2; i 2.2
ɑ:	<b>ar</b>			
ɜ:	<b>ur</b>	<b>er/ir</b>		
ɔ:	<b>au</b>	<b>or</b>		
u:	<b>u</b>		<b>u.e</b> in a final closed syllable	sə:'keɪʃən: or 34.3; aw 30; au 26.7; ore 6.7; oar 2.2 ru:'mætsɔɪd: u 62.2; eu 28.9; ue 4.4; uu 2.2; o 2.2 nu:'mætʃərə: u 68.9; eu 15.6; ew 15.6
(ju:)	<b>u</b>	<b>eu</b>	<b>u.e</b> in a final closed syllable	
eɪ	<b>a</b>		<b>a.e</b> in a final closed syllable	'eɪzəpri:n: a 82.2; ai 10; ay 6.7 sə:'keɪʃən: a 97.8; au 2.2
aɪ	<b>i</b>	<b>y</b>	<b>i.e/y.e</b> in a final closed syllable	'haɪdrʌm: y 74.4; ɪgh 14.4; ie 5.6; i 4.4 dɑ'lʌkʃuəs: i 84.4; y 11.1; ia 4.4 'vɔɪsəʊklaɪd: y.e 37.8; i.e 31.1; aid 8.9; ied 7.8; eid 5.6 zɑ'lɒdʒɪnəs: y 80; i 15.6; ia 2.2 <i>θaɪlə</i> 'dʒɪlɪks: y 74.4; i 14.4; ɪgh 8.9; ai 2.2

ɔɪ	<b>oi</b>		<b>oy</b> before a vowel in medial position	krɔɪtɪ'laitəs: i 73.3; y 20; igh 4.4; ai 2.2; a 2.2 'vɔɪsəʊklaɪd: oi 95.6; oy 4.4 ru:'mætsɔɪd: oi 93.3; oy 2.2; ow 2.2; ioi 2.2 glɪθɪ'rɔɪtɪks: oi 65.6; oy 18.9; o 11.1; ou 2.2 krɔɪtɪ'laitəs: oi 47.7; oy 41.1; o 8.9 'dʒɛərɔɪ'setəli:n: oi 36.7; oy 33.3; o 21.1 oe 2.2 'vɔɪsəʊklaɪd: o 95.6
əʊ	<b>o</b>		<b>o.e</b> in a final closed syllable	'zɪərɒks: e 85.6; eo 4.4; ea 2.2; u 2.2; ie 2.2
ɪə	<b>er</b>		the <r> must be followed by a vowel; possibly <b>ia</b> or <b>ea</b> in final position	glɛ'mætsə'rɪə: ia 56.7; ea 22.2; eia 6.7; ie 2.2; eoh 2.2 'dʒɛərɔɪ'setəli:n: e 86.7; y 4.4
ɛə	<b>ar</b>	<b>aer</b>	the <r> must be followed by a vowel	
ʊə	<b>ur</b>		the <r> must be followed by a vowel; possibly <b>ua</b> in final position	
(jʊə)	<b>ur</b>	<b>eur</b>	the <r> must be followed by a vowel; possibly <b>ua</b> in final position	
i	<b>i</b>	<b>e</b>	(before a vowel) <b>y</b> in final position	
ɪ (weak)	<b>i</b>		(before a consonant)	zai'lɒdʒɪnəs: e 60; i 22.2; u 8.9; io 4.4; y 2.2 glɪθɪ'rɔɪtɪks: i 42.2; y 26.7; e 22.2; ie 4.4; io 2.2 krɔɪtɪ'laitəs: i 80; e 11.1; y 4.4; a 2.2 daɪ'lɪkʃuəs: u 71.1; i 17.8 'eɪzəprɪ:n: a 55.6; u 12.2; e 11.1; ia 6.7; er 2.2 sɔ:'keɪʃən: io 95.6; i 4.4 daɪ'lɪkʃuəs: ous 100 zai'lɒdʒɪnəs: ous 84.4; us 4.4; ace 2.2 krɔɪtɪ'laitəs: us 44.4; is 33.3; ous 22.2 θaɪlə'dʒɪlɪks: o 46.7; i 22.2; a 17.8; e 13.3 'dʒɛərɔɪ'setəli:n: a 62.2; o 15.6; e 15.6 <b>glɛ</b> 'mætsə'rɪə: a 60; o 13.3; y 11.1; e 6.7; u 6.7 glɛ'mætsə'rɪə: o 45.6; e 27.8; a 20
(j)u	<b>u</b>			
ə	<b>a/e/o/</b>		<b>a/er/re</b> in final position	

1.	kli:	clee/clea	30.	'praʊnə	prouner, -ow-
2.	rɪ'pɑ:	repar	31.	'kɒʃənət	cossionate
3.	bə'lɔ:	belaw/belore	32.	brəʊð	brothe, -oa-
4.	kən'vju:	convue	33.	dʊp	doop
5.	draʊ	drow	34.	'dʒɪpəl	jipple, g-
6.	veɪ	vay	35.	wəʊθ	woth, -oa-
7.	pə'trɜ:	pertrir, -ur	36.	flɪdʒ	verb flidge, phl-
8.	kai	kie, kye	37.	'haɪdrʌm	adjective hidrum, -y-
9.	fɔɪ	foy	38.	'eɪzəprɪ:n	noun asaprine, -ene
10.	raɪə	rire	39.	sɔ:'keɪʃən	noun (a process) saucation, -or-
11.	trəʊ	trow, -oe	40.	dai'lʌkʃuəs	adjective diluxuous
12.	ə'nɪə	annear, -eer, -ere	41.	'vɔɪsəʊklaɪd	noun voisoclide, -ceo-, -yde
13.	bə'dʒʊə	bedure	42.	nu:'mɛtʃərə	adjective numeturer
14.	raʊə	rower	43.	'zɪərɒks	noun zerox, x-
15.	ə'mɛə	ammare, -air -ear	44.	ru:'mætsɔɪd	noun rumatsoïd, rh-, -eu-, -tz-
16.	klaɪt	clight, clite	45.	zai'lɒdʒɪnəs	adjective zilogenous, zy-, -gi-
17.	glɛɪt	glait, glate	46.	glɪθɪ'rɔɪtɪks	noun glithiroitics, gly-, -ix
18.	'kwɒtɪə	quattier	47.	krɔɪtɪ'laitəs	noun croitilitus, chr-, -ly-, -tis
19.	'si:nɪŋ	seening, sea-, c-	48.	θaɪlə'dʒɪlɪks	noun thilogilics, thy-, -a/e-, -gy-, -ix
20.	'ju:fɪks	uflix, you-, -cks/cs	49.	glə'mætsə'rɪə	noun glamatseria, -tz-, -a-, -rea
21.	tʃʌv	chove	50.	'dʒɛərɔɪ'setəli:n	noun geroisetoline, -c-, -a/e-, -ene
22.	ʌd	udd			
23.	'hæzədʒ	hazage, -s-			
24.	ɪg'zɜ:stʃə	exersture, -i/ur-			
25.	ə'peɪzə'nɛə	appasionaire, -p-			
26.	'fræki	fracky, -ey			
27.	'lɔ:kɪʃ	laukish, -aw-, -or-			
28.	'sʌktʃuəl	suctual			
29.	'gærən	garren			