

IGCSE Mathematics

Glossary · · every term in the course, A–Z

English	Pinyin
 acceleration <i>/ək,selə'reɪʃn/</i>	jiā sù dù
 acute angle <i>/ə'kju:t 'æŋgl/</i>	ruì jiǎo
 adjacent <i>/ə'dʒeisənt/</i>	lín biān
 algebra <i>/'ældʒɪbrə/</i>	dài shù
 algebraic fraction <i>/'ældʒɪ'brenk 'frækʃn/</i>	fēn shì
 alternate angles <i>/ɔ:l'tɜ:nət 'æŋglz/</i>	nèi cuò jiǎo
 alternate segment theorem <i>/ɔ:l'tɜ:nət 'segmənt 'θɪərəm/</i>	xián qiē jiǎo dìng lǐ
 ambiguous case <i>/əm'bigju:əs keɪs/</i>	liǎng jiě qíng kuàng
 angle of depression <i>/'æŋgl ɒv dɪ'preʃn/</i>	fǔ jiǎo
 angle of elevation <i>/'æŋgl ɒv ,elɪ'veɪʃn/</i>	yǎng jiǎo
 arc <i>/ɑ:k/</i>	hú
 arc length <i>/ɑ:k leŋθ/</i>	hú zhǎng
 area <i>/'eəriə/</i>	miàn jī
 asymptote <i>/'æsɪmptəʊt/</i>	jiàn jìn xiàn
 average speed <i>/'ævɪdʒ spi:d/</i>	píng jūn sù dù
 axis <i>/'æksɪs/</i>	zuò biāo zhóu
 axis of symmetry <i>/'æksɪs ɒv 'sɪmətri/</i>	duì chèn zhóu
 bar chart <i>/bɑ: tʃɑ:t/</i>	tiáo xíng tú

English	Pinyin
$\times_2$ base <i>/beɪs/</i>	dǐ shù
 bearing <i>/'beərɪŋ/</i>	fāng wèi jiǎo
 bias <i>/'baɪəs/</i>	piān yǐ
[] brackets <i>/'brækɪts/</i>	kuò hào
 capacity <i>/kə'pæsɪti/</i>	róng liàng
• centre <i>/'sentə/</i>	yuán xīn
 change the subject <i>/tʃeɪndʒ ðə 'sʌbdʒekt/</i>	gōng shì biàn xíng
— chord <i>/kɔ:d/</i>	xián
○ circle <i>/'sɜ:kl/</i>	yuán
 circumference <i>/sɜ:'kʌmfrəns/</i>	yuán zhōu
[] class width <i>/klæs wɪθ/</i>	zǔ jù
 clockwise <i>/'klɒkwaɪz/</i>	shùn shí zhēn
[] co-interior angles <i>/kəʊ ɪn'tɪəriə 'æŋɡlz/</i>	tóng páng nèi jiǎo
× coefficient <i>/,kəʊ'fɪʃənt/</i>	xì shù
— collinear <i>/'kɒlɪniə/</i>	gòng xiàn
 column vector <i>/'kɒlɪm 'vektə/</i>	liè xiàng liàng
 combined events <i>/kəm'baɪnd ɪ'vents/</i>	zǔ hé shì jiàn
 common factor <i>/'kɒmən 'fæktə/</i>	gōng yīn shù
 common multiple <i>/'kɒmən 'mʌltɪpl/</i>	gōng bèi shù
 compasses <i>/'kʌmpəsɪz/</i>	yuán guī

English	Pinyin
 complement /'kɒmplɪmənt/	bǔ jí
 completing the square /kəm'pli:tɪŋ ðə skweə/	pèi fāng fǎ
 composite function /'kɒmpəzɪt 'fʌŋkʃn/	fù hé hán shù
 compound interest /'kɒmpaʊnd 'ɪntrest/	fù lì
 compound shape /'kɒmpaʊnd ʃeɪp/	zǔ hé tú xíng
 conditional probability /kən'dɪʃənəl ˌprɒbə'bɪləti/	tiáo jiàn gài lǚ
 cone /kəʊn/	yuán zhuī
 congruent /'kɒŋgru:ənt/	quán děng
 constant /'kɒnstənt/	cháng shù
 construct /'kɒnstrʌkt/	zuò tú
 conversion graph /kən'vɜ:ʃn græf/	huàn suàn tú
 coordinates /kəʊ'ɔ:dnəts/	zuò biāo
 coplanar /kəʊ'pleɪnə/	gòng miàn
 correlation /ˌkɒrɪ'leɪʃn/	xiāng guān xìng
 corresponding angles /ˌkɒrɪ'spɒndɪŋ 'æŋɡlz/	tóng wèi jiǎo
 cosine /'kəʊsɪn/	yú xián
 cosine rule /'kəʊsɪn ru:l/	yú xián dìng lǐ
 cross-section /krɒs 'sekʃn/	héng jié miàn
 cube /kju:b/	lì fāng tǐ
 cube number /kju:b 'nʌmbə/	lì fāng shù

English	Pinyin
 cube root <i>/kju:b ru:t/</i>	lì fāng gēn
 cubic <i>/'kju:bɪk/</i>	sān cì
 cuboid <i>/'kju:bɔɪd/</i>	cháng fāng tǐ
 cumulative frequency <i>/'kju:mjələtɪv 'fri:kwənsi/</i>	lěi jī pín shuò
 curved surface area <i>/kɜ:vd 'sɜ:fɪs 'eəriə/</i>	cè miàn jī
 cyclic quadrilateral <i>/'saɪklɪk ,kwɒdrɪ'lætərəl/</i>	yuán nèi jiē sì biān xíng
 cylinder <i>/'sɪlɪndə/</i>	yuán zhù
 data <i>/'deɪtə/</i>	shù jù
 decagon <i>/dɪ'kægən/</i>	shí biān xíng
 deceleration <i>/dɪ,sələ'reɪʃn/</i>	jiǎn sù dù
 decimal <i>/'desɪml/</i>	xiǎo shù
 decimal place <i>/'desɪml pleɪs/</i>	xiǎo shù wèi
 denominator <i>/dɪ'nɒmɪnətə/</i>	fēn mǔ
 density <i>/'densɪti/</i>	mì dù
 depreciation <i>/dɪ,pri:ʃi'eɪʃn/</i>	zhé jiù
 derivative <i>/dɪ'rɪvətɪv/</i>	dǎo shù
 diameter <i>/daɪ'æmɪtə/</i>	zhí jìng
 difference of two squares <i>/'dɪfrəns ɒv tu: skweəz/</i>	píng fāng chà
 differentiation <i>/,dɪfə,renʃi'eɪʃn/</i>	wēi fēn
 direct proportion <i>/daɪ'rekt prə'pɔ:ʃn/</i>	zhèng bǐ lì

English	Pinyin
→ directed line segment <i>/daɪ'rektɪd laɪn 'seɡmənt/</i>	yǒu xiàng xiàn duàn
 distance <i>/'dɪstəns/</i>	jù lí
↔ domain <i>/də'meɪn/</i>	dòng yì yù
— edge <i>/edʒ/</i>	léng
• element <i>/'elɪmənt/</i>	yuán sù
⊘ empty set <i>/'empti set/</i>	kōng jí
[] enlargement <i>/en'la:dʒmənt/</i>	fàng dà
= equation <i>/ɪ'kweɪʒn/</i>	fāng chéng
△ equilateral <i>/ɪ'kwɪ'lætərəl/</i>	děng biān
⊗ estimate <i>/'estɪmət/</i>	gū suàn
📅 event <i>/ɪ'vent/</i>	shì jiàn
↔ exchange rate <i>/eks'tʃeɪndʒ reɪt/</i>	huì lǚ
[] expand <i>/ek'spænd/</i>	zhǎn kāi
⌒ expected frequency <i>/ek'spektɪd 'fri:kwənsi/</i>	qī wàng pín shuò
↘ exponential decay <i>/,ekspə'nenʃl dɪ'keɪ/</i>	zhǐ shù shuāi jiǎn
↗ exponential growth <i>/,ekspə'nenʃl grəʊθ/</i>	zhǐ shù zēng zhǎng
↗ exponential sequence <i>/,ekspə'nenʃl 'si:kwəns/</i>	zhǐ shù shù liè
() expression <i>/ek'spreʃn/</i>	biǎo dá shì
» exterior angle <i>/ek'stɪərɪə 'æŋɡl/</i>	wài jiǎo
□ face <i>/feɪs/</i>	miàn

English	Pinyin
 factor <i>/'fæktə/</i>	yīn shù
 factorise <i>/'fæktəraɪz/</i>	yīn shì fēn jiě
 fair <i>/feə/</i>	gōng píng
 fraction <i>/'frækʃn/</i>	fēn shù
 fractional equation <i>/'frækʃənl r'kweɪʒn/</i>	fēn shì fāng chéng
 frequency <i>/'fri:kwənsi/</i>	pín shuò
 frequency density <i>/'fri:kwənsi 'densiti/</i>	pín shuò mì dù
 frequency distribution <i>/'fri:kwənsi ,dɪstrɪ'bju:ʃn/</i>	pín shuò fēn bù
 frustum <i>/'frʌstəm/</i>	píng jié tóu tǐ
 function <i>/'fʌŋkʃn/</i>	hán shù
 gradient <i>/'greɪdɪənt/</i>	xié lǚ
 grouped data <i>/gru:pt 'deɪtə/</i>	fēn zǔ shù jù
 height <i>/haɪt/</i>	gāo
 hemisphere <i>/'hemɪsfɪə/</i>	bàn qiú
 hexagon <i>/'heksæɡən/</i>	liù biān xíng
 highest common factor <i>/'haɪst 'kɒmən 'fæktə/</i>	zuì dà gōng yīn shù
 histogram <i>/'hɪstəɡræm/</i>	zhí fāng tú
 horizontal <i>/ˌhɒrɪ'zɒntl/</i>	shuǐ píng
 hypotenuse <i>/haɪ'pɒtənju:s/</i>	xié biān
 improper fraction <i>/ɪm'prɒpə 'frækʃn/</i>	jiǎ fēn shù

English	Pinyin
 independent events <i>/ˌɪndɪˈpendənt ɪˈvents/</i>	dú lì shì jiàn
 index <i>/ˈɪndeks/</i>	zhǐ shù
 inequality <i>/ɪniˈkwɒlɪti/</i>	bù děng shì
 integer <i>/ˈɪntɪdʒə/</i>	zhěng shù
 intercept <i>/ɪntəˈsept/</i>	jié jù
 interest <i>/ˈɪntrest/</i>	lì xī
 interior angle <i>/ɪnˈtɪəriə ˈæŋɡl/</i>	nèi jiǎo
 interquartile range <i>/ɪntəˈkwɔːtaɪl reɪndʒ/</i>	sì fēn wèi jù
 intersection <i>/ɪntəˈsekʃn/</i>	jiāo jí
 intersection point <i>/ɪntəˈsekʃn pɔɪnt/</i>	jiāo diǎn
 inverse function <i>/ɪnˈvɜːs ˈfʌŋkʃn/</i>	fǎn hán shù
 inverse proportion <i>/ɪnˈvɜːs prəˈpɔːʃn/</i>	fǎn bǐ lì
 irrational number <i>/ɪˈræʃənl ˈnʌmbə/</i>	wú lǐ shù
 isosceles <i>/aɪˈsɒsəliːz/</i>	děng yāo
 kite <i>/kaɪt/</i>	yuān xíng
 length <i>/leŋθ/</i>	cháng dù
 like terms <i>/laɪk tɜːmz/</i>	tóng lèi xiàng
 line of best fit <i>/laɪn ɒv best fɪt/</i>	zuì jiā nǐ hé xiàn
 line segment <i>/laɪn ˈseɡmənt/</i>	xiàn duàn
 line symmetry <i>/laɪn ˈsɪmətri/</i>	zhóu duì chèn

English	Pinyin
 linear <i>/ˈliːniə/</i>	yī cì
 lower bound <i>/ˈləʊə baʊnd/</i>	xià jiè
 lowest common multiple <i>/ˈləʊɪst ˈkɒmən ˈmʌltɪpl/</i>	zuì xiǎo gōng bèi shù
 magnitude <i>/ˈmæɡnɪtjuːd/</i>	dà xiǎo
 major sector <i>/ˈmeɪdʒə ˈsektə/</i>	dà shàn xíng
 mass <i>/mæs/</i>	zhì liàng
 maximum <i>/ˈmæksɪmə/</i>	zuì dà zhí
 mean <i>/miːn/</i>	píng jūn shù
 median <i>/ˈmiːdiːən/</i>	zhōng wèi shù
 metric <i>/ˈmetrɪk/</i>	gōng zhì
• midpoint <i>/ˈmɪdpoɪnt/</i>	zhōng diǎn
 minimum <i>/ˈmɪnɪmə/</i>	zuì xiǎo zhí
 minor sector <i>/ˈmaɪnə ˈsektə/</i>	xiǎo shàn xíng
 mirror line <i>/ˈmɪrə laɪn/</i>	duì chèn zhóu
 mixed number <i>/mɪkst ˈnʌmbə/</i>	dài fēn shù
 modal class <i>/ˈmɒdl klæs/</i>	zhòng shù zǔ
 mode <i>/mɒd/</i>	zhòng shù
* multiple <i>/ˈmʌltɪpl/</i>	bèi shù
✕ multiplier <i>/ˌmʌltɪˈplaɪə/</i>	chéng shù
 mutually exclusive <i>/ˈmjuːtʃuːəli eksˈkluːsɪv/</i>	hù chì

English	Pinyin
 natural number <i>/ˈnætʃərəl ˈnʌmbə/</i>	zì rán shù
 negative correlation <i>/ˈnegətɪv ˌkɒrɪˈleɪʃn/</i>	fù xiāng guān
 net <i>/net/</i>	zhǎn kāi tú
 number line <i>/ˈnʌmbə laɪn/</i>	shù zhóu
 numerator <i>/ˈnjuːməreɪtə/</i>	fēn zǐ
 obtuse angle <i>/ɒbˈtjuːs ˈæŋɡl/</i>	dùn jiǎo
 octagon <i>/ˈɒktægən/</i>	bā biān xíng
 opposite <i>/ˈɒpəzɪt/</i>	duì biān
 order of operations <i>/ˈɔːdə ɒv ˌɒpəˈreɪʃnz/</i>	yùn suàn shùn xù
 origin <i>/ˈɒrɪdʒɪn/</i>	yuán diǎn
 outcome <i>/ˈaʊtkʌm/</i>	jié guǒ
 parabola <i>/pəˈræbələ/</i>	pāo wù xiàn
 parallel <i>/ˈpærəlel/</i>	píng xíng
 parallelogram <i>/ˌpærəˈleləgræm/</i>	píng xíng sì biān xíng
 pentagon <i>/ˈpentægən/</i>	wǔ biān xíng
 percentage <i>/pəˈsentɪdʒ/</i>	bǎi fēn bǐ
 percentile <i>/pəˈsentail/</i>	bǎi fēn wèi shù
 perfect square <i>/ˈpɜːfekt skweə/</i>	wán quán píng fāng
 perimeter <i>/pəˈrɪmɪtə/</i>	zhōu cháng
 perpendicular <i>/ˌpɜːpənˈdɪkjələ/</i>	chuí zhí

English	Pinyin
 perpendicular bisector <i>/ˌpɜːpənˈdɪkjələ baɪˈsektə/</i>	chuí zhí píng fēn xiàn
 pictogram <i>/'pɪktəgræm/</i>	xiàng xíng tú
 pie chart <i>/paɪ ˈtʃɑːt/</i>	bǐng tú
 plane <i>/pleɪn/</i>	píng miàn
 plane of symmetry <i>/pleɪn ɒv ˈsɪmətri/</i>	duì chèn miàn
 polygon <i>/'pɒlɪɡən/</i>	duō biān xíng
 population density <i>/ˌpɒpjʊˈleɪʃn ˈdensɪti/</i>	rén kǒu mì dù
 position vector <i>/pəˈzɪʃn ˈvektə/</i>	wèi zhì xiàng liàng
 positive correlation <i>/'pɒzɪtɪv ˌkɒrɪˈleɪʃn/</i>	zhèng xiāng guān
 power <i>/'paʊə/</i>	mì
 pressure <i>/'preʃə/</i>	yā qiáng
 prime factor <i>/praɪm ˈfæktə/</i>	zhì yīn shù
 prime number <i>/praɪm ˈnʌmbə/</i>	zhì shù
 principal <i>/'prɪnsɪpl/</i>	běn jīn
 prism <i>/'prɪzəm/</i>	léng zhù
 probability <i>/ˌprɒbəˈbɪləti/</i>	gài lǚ
 product <i>/'prɒdʌkt/</i>	chéng jī
 proper fraction <i>/'prɒpə ˈfrækʃn/</i>	zhēn fēn shù
 proportion <i>/prəˈpɔːʃn/</i>	bǐ lì
 pyramid <i>/'pɪrəməɪd/</i>	léng zhuī

English	Pinyin
 Pythagoras' theorem <i>/paɪ'θæɡərəs 'θiərəm/</i>	gōu gǔ dīng lǐ
 quadrants <i>/'kwɒdrənts/</i>	xiàng xiàn
x^2 quadratic <i>/kwɒ'drætɪk/</i>	èr cì
 quadratic formula <i>/kwɒ'drætɪk 'fɔ:mjələ/</i>	qiú gēn gōng shì
 quadrilateral <i>/'kwɒdri'lætərəl/</i>	sì biān xíng
 quartile <i>/'kwɔ:təl/</i>	sì fēn wèi shù
 radius <i>/'reɪdiəs/</i>	bàn jìng
 random <i>/'rændəm/</i>	suí jī
 range <i>/reɪndʒ/</i>	zhí yù
 rate <i>/reɪt/</i>	bǐ lǜ
 rate of change <i>/reɪt ɒv tʃeɪndʒ/</i>	biàn huà lǜ
$\div$ ratio <i>/'reɪʃiəʊ/</i>	bǐ
$\div$ rational expression <i>/'ræʃənəl ek'spreʃn/</i>	yǒu lǐ shì
$\div$ rational number <i>/'ræʃənəl 'nʌmbə/</i>	yǒu lǐ shù
$\div$ rationalise the denominator <i>/'ræʃənəlaɪz ðə di'nɒmɪneɪtə/</i>	fēn mǔ yǒu lǐ huà
 reciprocal <i>/'rɪ'sɪprəkl/</i>	dào shǔ
 rectangle <i>/'rektæŋɡl/</i>	jǔ xíng
 recurring decimal <i>/'rɪ'kɜ:rɪŋ 'desɪml/</i>	xún huán xiǎo shù
 reflection <i>/'rɪ'flekʃn/</i>	fǎn shè
 reflex angle <i>/'rɪ:fleks 'æŋɡl/</i>	yōu jiǎo

English	Pinyin
 region <i>/ˈriːdʒn/</i>	qū yù
 regular polygon <i>/ˈregjələ ˈpɒlɪɡən/</i>	zhèng duō biān xíng
% relative frequency <i>/ˈrelatɪv ˈfriːkwənsi/</i>	xiāng duì pín lǜ
% remainder <i>/rɪˈmeɪndə/</i>	yú shù
 reverse percentage <i>/rɪˈvɜːs pəˈsentɪdʒ/</i>	nì bǎi fēn bǐ
 rhombus <i>/ˈrɒmbəs/</i>	líng xíng
 right angle <i>/raɪt ˈæŋɡl/</i>	zhí jiǎo
 right-angled triangle <i>/raɪt ˈæŋɡld ˈtraɪæŋɡl/</i>	zhí jiǎo sān jiǎo xíng
 roots <i>/ruːts/</i>	gēn
 rotation <i>/rəʊˈteɪʃn/</i>	xuán zhuǎn
 rotational symmetry <i>/rəʊˈteɪʃnl ˈsɪmətri/</i>	xuán zhuǎn duì chèn
 sample space diagram <i>/ˈsæmpl speɪs ˈdaɪəɡræm/</i>	yàng běn kōng jiān tú
# scalar <i>/ˈskeɪlə/</i>	biāo liàng
 scale <i>/skeɪl/</i>	bǐ lì chǐ
 scale drawing <i>/skeɪl ˈdrɔːɪŋ/</i>	bǐ lì tú
 scale factor <i>/skeɪl ˈfæktə/</i>	bǐ lì yīn zi
 scalene <i>/ˈskeɪliːn/</i>	bù děng biān
 scatter diagram <i>/ˈskætə ˈdaɪəɡræm/</i>	sàn diǎn tú
 sector <i>/ˈsektə/</i>	shàn xíng
 segment <i>/ˈseɡmənt/</i>	gōng xíng

English	Pinyin
 semicircle <i>/ˈsemɪsɜːkl/</i>	bàn yuán
 sequence <i>/ˈsiːkwəns/</i>	shù liè
 set <i>/set/</i>	jí hé
 significant figure <i>/sɪɡˈnɪfɪkənt ˈfɪɡə/</i>	yǒu xiào shù zì
 similar <i>/ˈsɪmlə/</i>	xiāng sì
 simple interest <i>/ˈsɪmpl ˈɪntrest/</i>	dān lì
 simplest form <i>/ˈsɪmpəlɪst fɔːm/</i>	zuì jiǎn xíng shì
 simultaneous equations <i>/ˌsɪməˈteɪniəs ɪˈkweɪʒnz/</i>	lián lì fāng chéng
 sine <i>/saɪn/</i>	zhèng xián
 sine rule <i>/saɪn ruːl/</i>	zhèng xián dìng lǐ
 slant height <i>/slænt haɪt/</i>	xié gāo
 solids <i>/ˈsɒlɪdz/</i>	jǐ hé tǐ
 sphere <i>/sfɪə/</i>	qiú
 square <i>/skweə/</i>	zhèng fāng xíng
 square number <i>/skweə ˈnʌmbə/</i>	píng fāng shù
 square root <i>/skweə ruːt/</i>	píng fāng gēn
 standard form <i>/ˈstændəd fɔːm/</i>	kē xué jì shù fǎ
 stationary point <i>/ˈsteɪʃənəri pɔɪnt/</i>	zhù diǎn
 statistical <i>/stəˈtɪstɪkl/</i>	tǒng jì
 stem-and-leaf diagram <i>/stem ænd liːf ˈdaɪəgræm/</i>	jīng yè tú

English	Pinyin
 subset <i>/ˈsʌbset/</i>	zì jí
 substitute <i>/ˈsʌbstɪtju:t/</i>	dài rù
 supplementary <i>/ˌsʌplɪˈmentəri/</i>	hù bǔ
 surd <i>/sɜ:d/</i>	gēn shì
 surface <i>/ˈsɜ:fɪs/</i>	biǎo miàn
 surface area <i>/ˈsɜ:fɪs ˈeəriə/</i>	biǎo miàn jī
 symmetry <i>/ˈsɪmətri/</i>	duì chèn
 table of values <i>/ˈteɪbl ɒv ˈvælju:z/</i>	shù zhí biǎo
 tally table <i>/ˈtæli ˈteɪbl/</i>	jì shù biǎo
 tangent <i>/ˈtændʒənt/</i>	qiè xiàn
 tangent ratio <i>/ˈtændʒənt ˈreɪʃiəv/</i>	zhèng qiē
 term <i>/tɜ:m/</i>	xiàng
 term-to-term rule <i>/tɜ:m tə tɜ:m ru:l/</i>	dì tuī guī zé
 time zone <i>/taɪm zəʊn/</i>	shí qū
 transformation <i>/trænsfɔːˈmeɪʃn/</i>	biàn huàn
 translation <i>/trænˈsleɪʃn/</i>	píng yí
 trapezium <i>/trəˈpi:ziəm/</i>	tī xíng
 travel graph <i>/ˈtrævl græf/</i>	xíng chéng tú
 tree diagram <i>/triː ˈdaɪəgræm/</i>	shù zhuàng tú
 triangle <i>/ˈtraɪæŋɡl/</i>	sān jiǎo xíng

English	Pinyin
 trigonometric equation <i>/ˈtrɪɡənəʊ'metɹɪk rɪ'kweɪʒn/</i>	sān jiǎo fāng chéng
 turning point <i>/'tɜːnɪŋ pɔɪnt/</i>	zhuǎn zhé diǎn
 two-way table <i>/tuː weɪ 'teɪbl/</i>	shuāng xiàng biǎo
 union <i>/'juːniən/</i>	bìng jí
 universal set <i>/juːni'vɜːsl set/</i>	quán jí
 unknown <i>/ʌn'nəʊn/</i>	wèi zhī shù
 upper bound <i>/'ʌpə baʊnd/</i>	shàng jiè
 variable <i>/'veəriəbl/</i>	biàn liàng
 vector <i>/'vektə/</i>	xiàng liàng
 Venn diagram <i>/ven 'daɪəgræm/</i>	wéi ēn tú
• vertex <i>/'vɜːteks/</i>	dǐng diǎn
 vertical <i>/'vɜːtɪkl/</i>	shù zhí
 vertically opposite angles <i>/'vɜːtɪkli 'ɒpəzɪt 'æŋɡlz/</i>	duì dǐng jiǎo
 volume <i>/'vɒljʊːm/</i>	tǐ jī
 with replacement <i>/wɪð rɪ'pleɪsmənt/</i>	yǒu fàng huí
 without replacement <i>/wɪðaʊt rɪ'pleɪsmənt/</i>	wú fàng huí
— zero correlation <i>/'ziərəʊ ,kɒrɪ'leɪʃn/</i>	líng xiāng guān