

Pearson Edexcel · International GCSE · Mathematics A

Glossary · every term in the course, A–Z

English

algebraic fraction

/ˌældʒɪˈbreɪk ˈfrækʃn/

alternate angles

/ɔːlˈtɜːnət ˈæŋɡlz/

angle of depression

/ˈæŋɡl ɒv dɪˈpreʃn/

angle of elevation

/ˈæŋɡl ɒv ˌelɪˈveɪʃn/

arithmetic sequence

/əˈrɪθmətɪk ˈsiːkwəns/

bearing

/ˈbeərɪŋ/

centre of enlargement

/ˈsentə ɒv enˈlɑːdʒmənt/

chord

/kɔːd/

column vector

/ˈkɒlʌm ˈvektə/

common denominator

/ˈkɒmən dɪˈnɒmɪneɪtə/

common difference

/ˈkɒmən ˈdɪfrəns/

common ratio

/ˈkɒmən ˈreɪʃiəʊ/

complement (of a set)

complement (of an event)

completing the square

/kəmˈpliːtɪŋ ðə skweə/

composite function

/ˈkɒmpəzɪt ˈfʌŋkʃn/

compound interest

/ˈkɒmpaʊnd ˈɪntrest/

compound measures

English

conditional probability

/kən'dɪʃənəl ˌprɒbə'bɪlɪti/

cone

/kəʊn/

congruent

/'kɒŋɡruːənt/

corresponding angles

/ˌkɒrɪ'spɒndɪŋ 'æŋɡlz/

cosine rule

/'kəʊsaɪn ruːl/

cube number

/kjuːb 'nʌmbə/

cumulative frequency

/'kjuːmjələtɪv 'friːkwənsi/

cyclic quadrilateral

/'saɪklɪk ˌkwɒdrɪ'lætərəl/

density

/'densɪti/

derivative

/dɪ'rɪvətɪv/

differentiation

/ˌdɪfə'renʃi'eɪʃn/

direct proportion

/daɪ'rekt prə'pɔːʃn/

discriminant

/dɪ'skrɪmɪnənt/

domain

/də'meɪn/

elimination

/ɪˌlɪmɪ'neɪʃn/

empty set

/'empti set/

enlargement

/en'laːdʒmənt/

equation

/ɪ'kweɪʒn/

equivalent fractions

factor

/'fæktə/

English

frequency density

/ˈfri:kwənsi 'densɪti/

function

/ˈfʌŋkʃn/

gradient

/ˈɡreɪdɪənt/

highest common factor

/ˈhaɪst 'kɒmən 'fæktə/

histogram

/ˈhɪstəɡræm/

hypotenuse

/haɪ'pɒtənju:s/

identity

/aɪ'dentɪti/

independent events

/,ɪndɪ'pendənt ɪ'vents/

index

/ˈɪndeks/

interquartile range

/,ɪntə'kwɔ:təl reɪndʒ/

intersection

/,ɪntə'sekʃn/

inverse function

/ɪn'vɜ:s 'fʌŋkʃn/

line of symmetry

/laɪn ɒv 'sɪmətri/

locus

/ˈləʊkəs/

lower bound

/ˈləʊə baʊnd/

lowest common multiple

/ˈləʊəst 'kɒmən 'mʌltɪpl/

maximum

/ˈmæksɪmə/

mean

/mi:n/

measure of spread

median

/ˈmi:di:ən/

English

membership

midpoint

/ˈmɪdpoɪnt/

minimum

/ˈmɪnɪməm/

mirror line

/ˈmɪrə laɪn/

mixed number

/mɪkst ˈnʌmbə/

modal class

/ˈməʊdl klæs/

mode

/məʊd/

modulus (vector)

multiple

/ˈmʌltɪpl/

multiplier

/ˌmʌltɪˈplaɪə/

number of elements

parallel lines

perpendicular lines

position-to-term rule

pressure

/ˈpreʃə/

prime factor

/praɪm ˈfæktə/

prime number

/praɪm ˈnʌmbə/

proof

/pru:f/

proportion

/prəˈpɔːʃn/

Pythagoras' theorem

/paɪˈθæɡərəs ˈθiərəm/

quadratic expression

English

quadratic inequality

/kwɒ'drætɪk mi:'kwɒlɪti/

quadrilateral

/ˌkwɒdrɪ'lætərəl/

quartile

/'kwɔːtaɪl/

range (of a function)

range (statistics)

rate of change

/reɪt ɒv tʃeɪndʒ/

ratio

/'reɪʃiəʊ/

rationalising the denominator

recurring decimal

/rɪ'kɜːrɪŋ 'desɪml/

reflection

/rɪ'flekʃn/

regular polygon

/'regjʊlə 'pɒlɪgən/

resultant

/rɪ'zʌltənt/

rotation

/rəʊ'teɪʃn/

rotational symmetry

/rəʊ'teɪʃnl 'sɪmətri/

sample space

/'sæmpl speɪs/

scale factor

/skeɪl 'fæktə/

sector

/'sektə/

set

/set/

similar

/'sɪmlə/

simultaneous linear equations

English

sine rule

/saɪn ru:l/

space diagonal

/speɪs daɪ'æɡənəl/

speed

/spi:d/

sphere

/sfɪə/

square number

/skweə 'nʌmbə/

standard form

/'stændəd fɔ:m/

stationary point

/'steɪʃənəri pɔɪnt/

subset

/'sʌbset/

sum of an arithmetic series

surd

/sɜ:d/

tangent

/'tændʒənt/

term-to-term rule

/tɜ:m tə tɜ:m ru:l/

transformation

/trænsfɔ:'meɪʃn/

translation

/træn'sleɪʃn/

tree diagram

/tri: 'daɪəgræm/

unequal class widths

union

/'ju:nɪən/

universal set

/ju:nɪ'vɜ:sl set/

upper bound

/'ʌpə baʊnd/

vector

/'vektə/

English

Venn diagram

/ven 'daɪəgræm/

volume

/'vɒljʊ:m/
