



GRE / GMAT math

! abscissa, scalene, intercept
, markup, such that, break even

A

abscissa (4, 2) 4가 abscissa, 2가 ordinate

absolute value

acre

add

adjacent angles

altitude ;

angle 角()

acute angle (90)

right angle

obtuse angle (90 180)

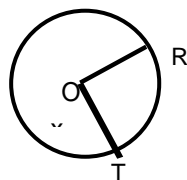
straight angle (180)

reflex angle (180 360)

approximation

area : surface area , area of a circle= πr^2

arc



arc RT

) $x=60$

arc RT

$\times 1/6$

$x/360$

arithmetic ,

ascending order () descending order ()

associate law

asymmetric

average, arithmetic mean

axis

B

bar graph

base

billion

bisect ,

break even ().

C

calculate

cancel

capacity (= volume)

cardinal number : cf. ordinal number

Celsius (= centigrade) : cf. Fahrenheit

center

chord ()

circle

circumference ($=2\pi r$)

clockwise : cf. counter-clockwise

coefficient . $3x + 4y$ 3 x coefficient , 4 y coefficient

common denominator

complementary angles (90) cf. supplementary angles

concave : cf. convex

concentric circle

coordinate

coordinate plane x-axis(x) y-axis(y)

cone ($V = \frac{1}{3}\pi r^2 h$)

consecutive . ∴) three consecutive odd integers (15, 17, 19)

constant

continuous discontinuous . cf. consecutive

cube ($V = e^3$, e)

cubic meter

cubic root ($\sqrt[3]{8} = 2$)

cylinder (solid , $V = \pi r^2 h$)

D

decagon

pentagon

hexagon

heptagon

octagon

septagon

decimals

) 7,654.321 (place values): 7 Thousands , 6 Hundreds, 5 Tens,

4 Ones or Units, 3 Tenths, 2 Hundredths, 1 Thousandths .

decimal point

deduce ,

degree, degree measure

denominator (=divisor)

derive

develop

diagonal**diameter** (**radius**, **circumference**)

difference

digit (e.g. 2.717 3 digits to the right of the decimal point 3)

dimension (1) (2)

direct proportion : cf. inverse proportion

distance

dividend

: 13 3 13=3×4 +1 13 dividend() , 3 divisor(),
1 remainder()

division

x divided by y: y x

x divided into y: y x

divisor ; (dividend)

dotted line

E**edge** (3)

empty set

equation (): linear equation(1), quadratic equation(2)

equidistant 가 : equidistance()

equilateral : equilateral triangle

equivalent , 가

elapse ,

estimate (); 가

evaluate

even number

exponent :) 2^3 2 base 3 exponent()**F**

face (3)

factor ;) 7 28 **divisor or factor** (28=(7)(4)).

factorable 가

figure

formula

fraction . () $\frac{d}{n}$ **d numerator n denominator****frequency**

Data Value X	Frequency F
-5	2
-4	3
-3	1
Total	5

Mean(): $\frac{(-5)(2) + (-4)(3) + (-3)(1)}{5} = -5$ **Median**() : -4(3)**Mode**() : -4**Range**() : -3- (-5) = 2

function : $F : X \rightarrow Y$
 $f : x \rightarrow y, y = f(x)$

G

geometry

greater than x : $x > x$

greatest common divisor: ($180 = 2^2 \cdot 3^2 \cdot 5$, $420 = 2^2 \cdot 3 \cdot 5 \cdot 7$) GCD $2^2 \cdot 3 = 12$

grid

H

height

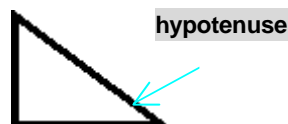
heptagon

hexagon

horizontal

hyperbolic

hypotenuse



I

increase by .. 가 .. : decrease by ..

() When a sales volume increases by 50%, it increases 150% of the original volume. (50% 가 , 150%가)

in dollars, in terms of dollars .

inequalities : $>$ (greater than), \geq (greater than or equal to), $<$ (less than)
(less than or equal to), \neq (not equal to)

in terms of y : y

integer

nonzero integer

negative integer

positive integer

consecutive even integers ..0,2,4,6,8,..

consecutive odd integers ..1,3,5,7,..

intercept ,

intersect

intersection

interest

inscribed in : x ()가 **inscribed in** y ():



invalid

inverse . : 2 1/2

inverse proportion : cf. direct proportion

isosceles 2 (가)

L

leg

length

less than y, y

line

linear equation 1

line graph

lowest common denominator

lowest common multiple (180 420 LCM $2^2 3^2 5 \times 7 = 1260$)

lowest term . : 4/6 2/3.

M

magnitude ,

matrix

median (4,6,6,8,9,12 **median**() $\frac{6+8}{2} = 7$)

mixed number . () 8 $\frac{1}{6}$

mode . () 1,2,2,3,3,3,4,7,7,7,7 7 가 가 , mode
가 7 .

multiple . **positive multiple** , **negative multiple**

multiply

N

natural number

negative integer

no greater than x: x , x

no less than x: x , x

numerator

O

obtuse angle (> 90)

octagon

odd

operation

ordinate . (4,2) 27 ordinate() 4 abscissa().

origin (e.g. x y)

P

parallelogram

partition 3 .

pentagon

percentage

perimeter

period

permutation

perpendicular

pie graph

plane

plot

point 點()

polygon : regular polygon

polynomial

power , 2^n 2 nth power, n .

price 가

cost , 가

markup 가 (가 10

0 120 , 20 markup .)

selling price 가

actual price 가

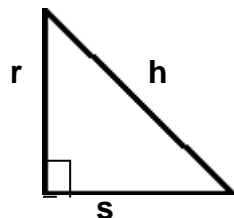
discount price 가

prime factor**prime number** (2, 3, 5, 7, 11, 13, ...) 1 가**probability**

product

proportion .(2:3 = 8: X, X 12)

() What proportion of the region is colored red? (가?)

Pythagorean Theorem (triangle)

$$r^2 + s^2 = h^2$$

Q

quadrant 4 , 4 (1/4)

quadratic equation 2

quadrilateral

quotient () : cf. remainder

R**radius** (: radii)

rate . speed , rate ,
 . constant rate average rate

ratio : ratio of x to y = $x : y$, $\frac{x}{y}$

real number 實數()

reciprocal (2/3 reciprocal() 3/2)

rectangle

rectangular solid

rectangular coordinate plane x y 2 (= xy-plane)

reduce to simplest form

reflex angle . 180 360

region (2)

remainder

represent , .
 () Which of the following represents the value of x?
 (x 가?)

reverse . x 1/x. inverse

revolution :

root (1) (2) (根)

round off () .

round off to the nearest tenth 1 (0.713→ 0.7)

round off to the nearest hundreds (71,325→ 71,300)

S

scalene

secant ()

section 3

segment

semicircle

shaded region . cross-hatched region .

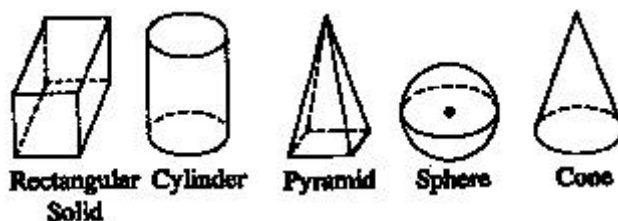
side

sign

simplify :) simplify a fraction (),

simplify an equation ()

solid



solid line ,

square : :

square a number

square meter

square root

square root of 2 ($\sqrt{2}$): 1.4

square root of 3 ($\sqrt{3}$): 1.7

sphere (solid)

straight angle , 180

straight line

substitution

subtract

such that ,

(1) x is an integer such that x is greater than 0.

(x 0 .)

(2) x is a human such that x has the property of being smart.

(x 가 가 .)

supplementary angles . **180**

sum

surface area

symmetrical

T

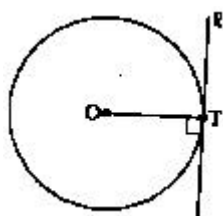
table

tangent (1) (2) ..

() A ball inside a cylinder is tangent to the inner walls of the cylinder. (.)

tangent to a circle

point of tangency (T가 point of tangency .)

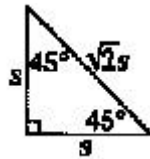
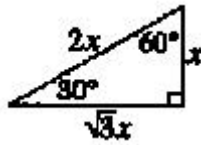


term . $3x + 3y$ term .

trapezoid

triangle

right triangle()



U

unit

units digit

ones digit

() 7 , 6 5 4 . 3 2 1

ones or units (4)

tens digit (5)

hundreds digit (6)

thousands digit (7)

tenths digit (3)

hundredths digit (2)

thousandths digit (1)

V

variable

value

vertex (: vertices)

vertical

vertical angle

a b

(a+b = 180)

volume

, : the volume of a cube , sales volume

W

wage . salary . fringe benefit bonus

whole number ()

width