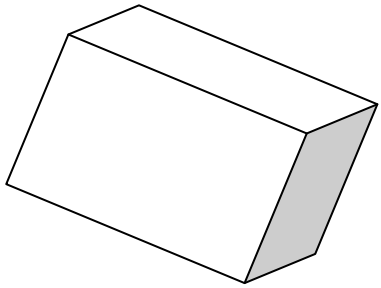
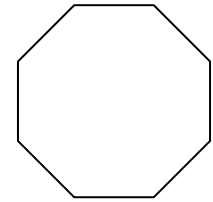
Shapes and shape words

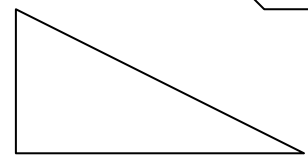
Name: _____

Form: _____

Maths teacher: _____



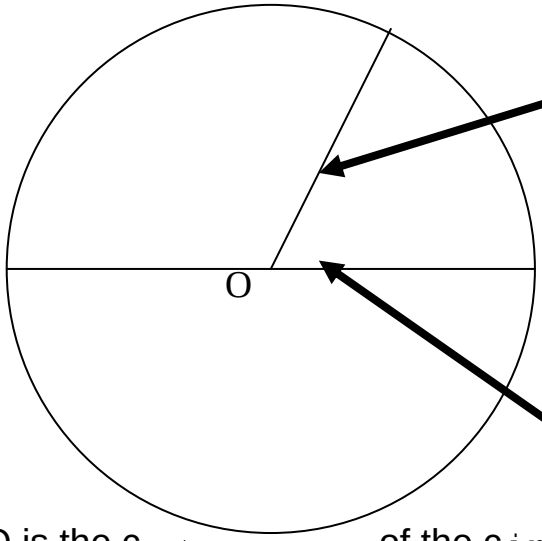




Answers:

acute angle
arc
base
centre UK / center US
chord
circle
circumference
cone
cube
cuboid
cylinder
diagonal
diameter
edge
equilateral triangle
face
hexagon
irregular polygon
isosceles triangle
kite
net
obtuse angle
octagon
parallelogram
pentagon
plane
polygon
prism
pyramid
quadrilateral
radius
rectangle
reflex angle
regular polygon
rhombus
right angle
right-angled triangle
scalene triangle
side
sphere
square
straight angle
tangent
trapezium UK/ trapezoid US
triangle
vertex
vertices

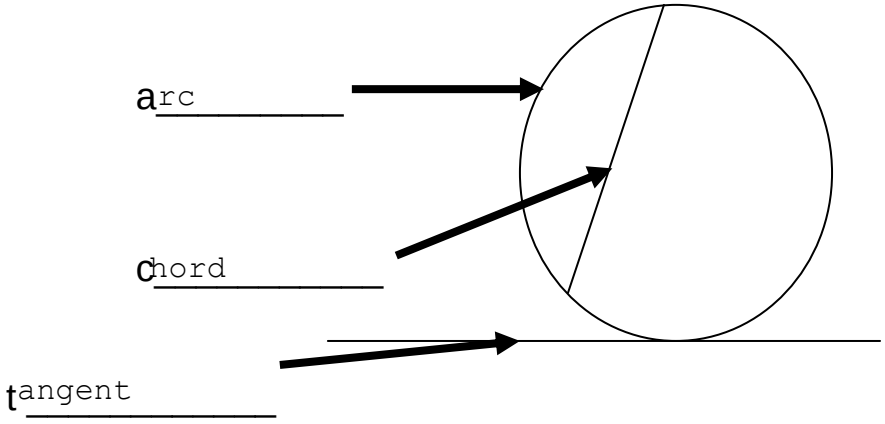
Circles



radius

diameter

O is the centre of the circle



arc

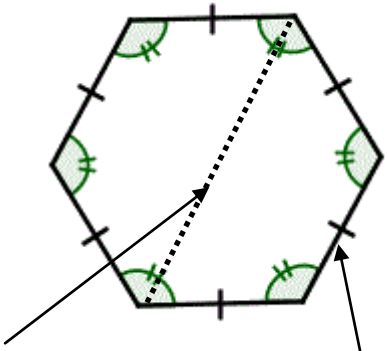
chord

tangent

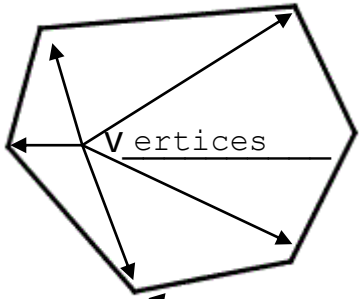
The distance around the circle is the circumference

Polygons

A p<u>olygon</u> is any 2D shape with straight sides.



d<u>iagonal</u>



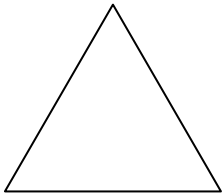
s<u>ide</u>

If all the sides and angles are the same, it is a r<u>egular</u> p<u>olygon</u>.	If they are not all the same, it is an i<u>rregular</u> p<u>olygon</u>.

Number of sides	Name of polygon
3	t<u>riangle</u>
4	q<u>uadrilateral</u>
5	p<u>entagon</u>
6	h<u>exagon</u>
8	o<u>ctagon</u>

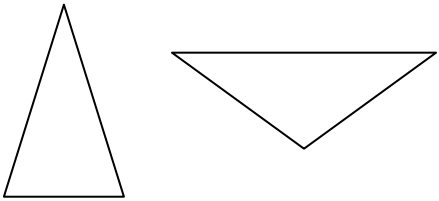
Triangles

All sides and angles equal:



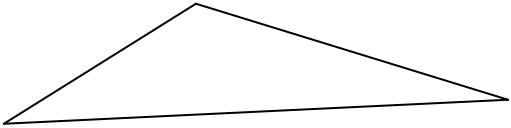
e quilateral triangle

Two sides and angles equal:

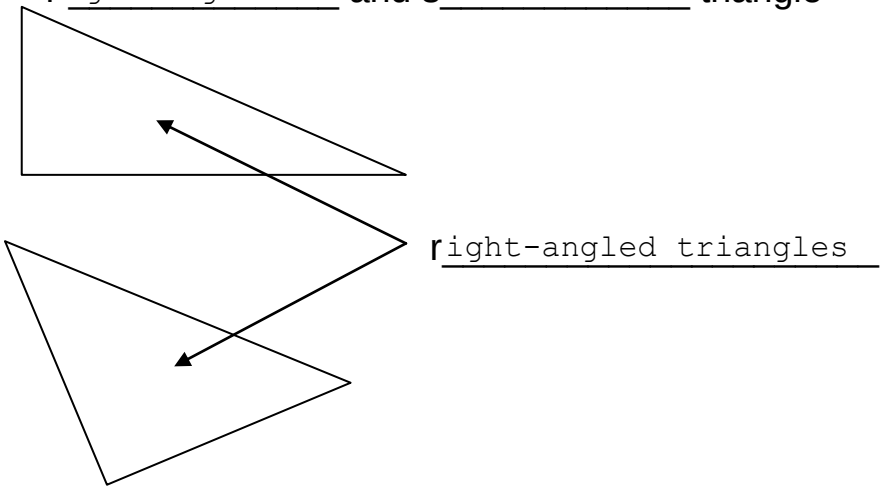


i sosceles triangle

All sides different:



s calene

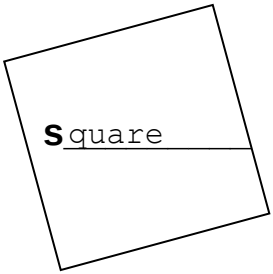


r ight-angled and s calene triangle

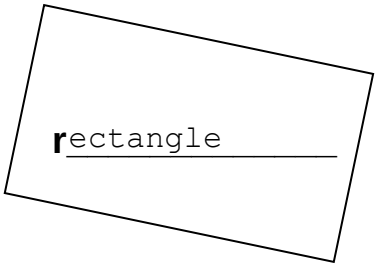
r ight-angled triangles

r ight-angled and i sosceles triangle

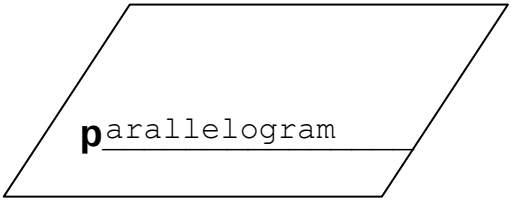
Quadrilaterals



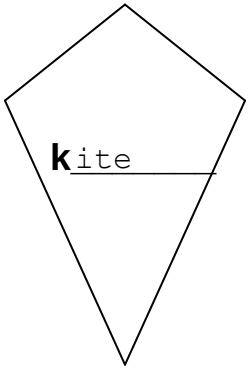
square



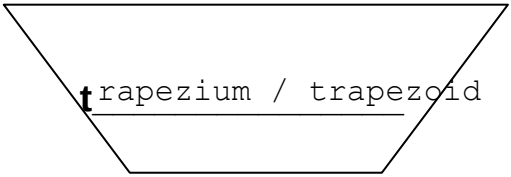
rectangle



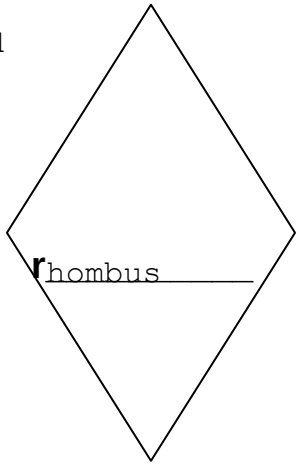
parallelogram



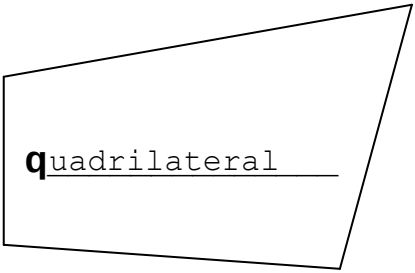
kite



trapezium / trapezoid

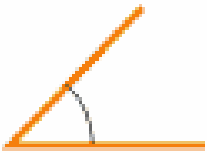


rhombus



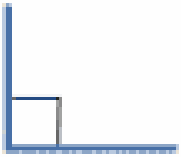
quadrilateral

Angles



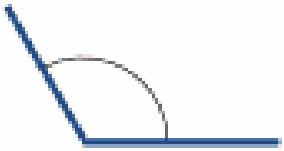
a cute angle

less than 90 °



r ight angle

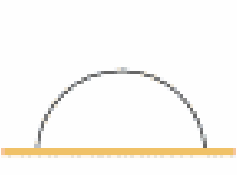
exactly 90 °



o btuse angle

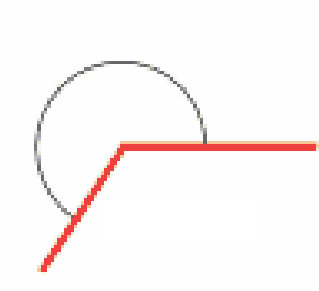
greater than 90 °

and less than 180 °



s traight angle

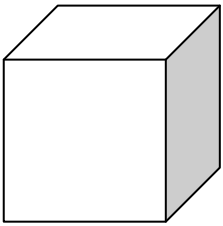
exactly ____ °



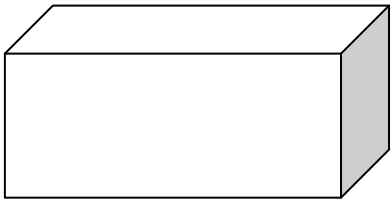
r eflex angle

greater than 180 °

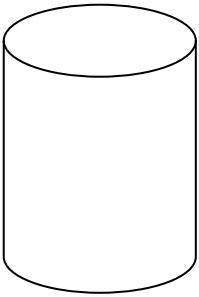
3D shapes



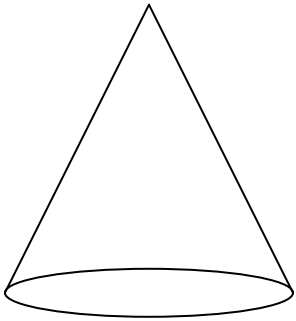
cube



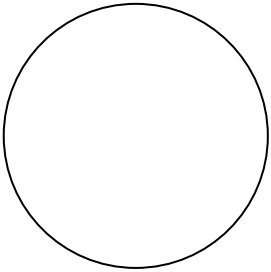
cuboid



cylinder

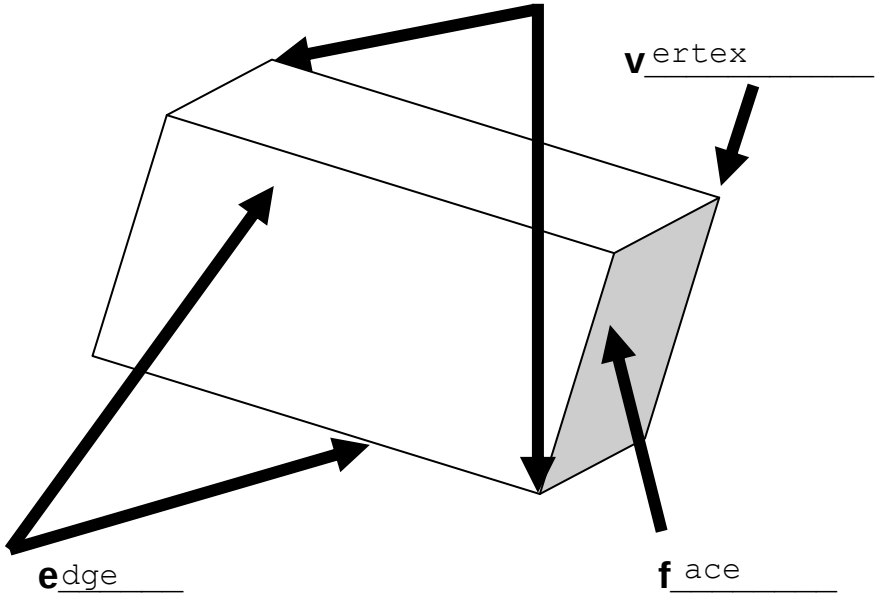


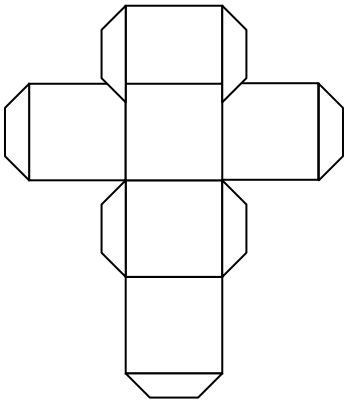
cone

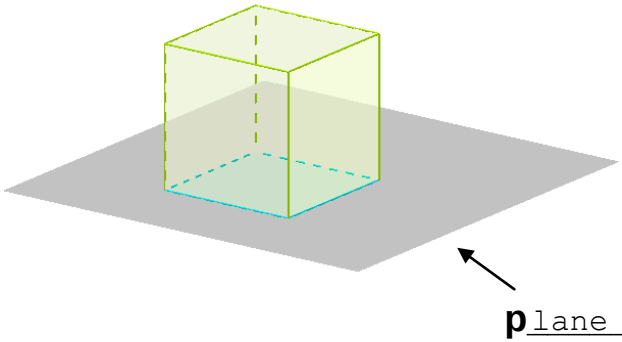


sphere

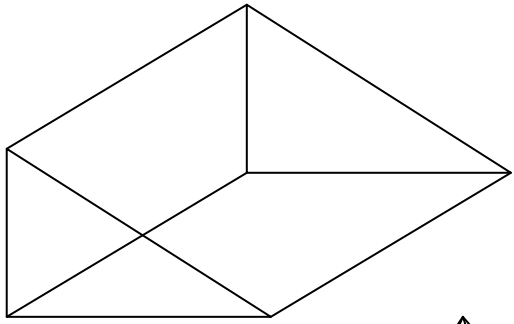
Other words



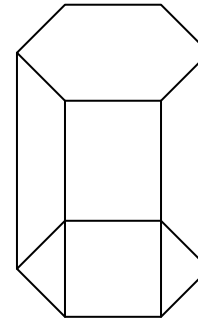




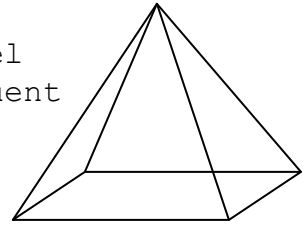
Prisms or pyramids?



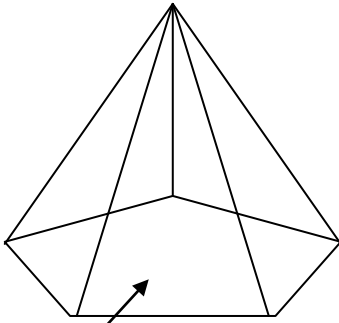
prism (2 parallel and congruent bases)



prism

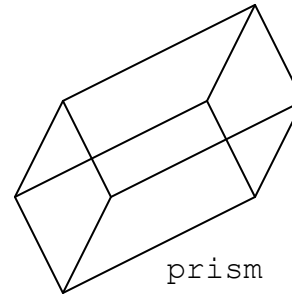


pyramid (a base and a vertex)

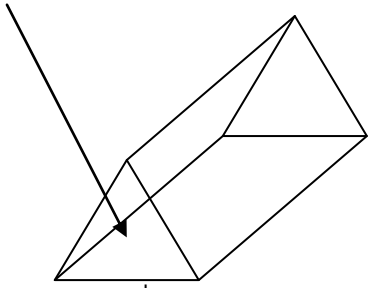


pyramid

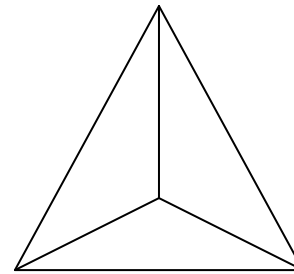
base



prism



prism



pyramid

acute angle	angle aigu
arc	arc
base	base
centre UK / center US	centre
chord	corde
circle	cercle
circumference	circonférence
cone	cône
cube	cube
cuboid	pavé droit ou parallélépipède rectangle
cylinder	cylindre
diagonal	diagonale
diameter	diamètre
edge	arête
equilateral triangle	triangle équilatéral
face	face
hexagon	hexagone
irregular polygon	polygone irrégulier
isosceles triangle	triangle isocèle
kite	n'a pas de nom, parfois cerf-volant
net	patron
obtuse angle	angle obtus
octagon	octogone
parallelogram	parallélogramme

pentagon	pentagone
plane	plan
polygon	polygone
prism	prisme
pyramid	pyramide
quadrilateral	quadrilatère
radius	rayon
rectangle	rectangle
reflex angle	angle rentrant
regular polygon	polygone régulier
rhombus	losange
right angle	angle droit
right-angled triangle	triangle rectangle
scalene triangle	triangle quelconque
side	côté
sphere	sphère
square	carré
straight angle	angle plat
tangent	tangente
trapezium UK/ trapezoid US	trapèze
triangle	triangle
vertex	sommet
vertices	sommets