

GEOMETRY

1. FILL IN THE MISSING WORD

The space between two lines that meet is called an _____ .

An object with four right angles is a _____ .

A _____ is a flat shape with three sides and three angles.

The space that a 3-dimensional object fills is called its _____ .

The _____ is the surface that covers a figure.

A _____ has four sides. The two opposite sides are always parallel.

A right triangle has three sides – one _____ and two _____ .

When many segments of a line meet and create a closed object we call it a _____ .

An object with a curved line and the same distance from its center to all of the points on its border is a _____ .

A _____ is a line with a starting point and an arrowhead.

A _____ is a solid that has six equal faces.

A _____ has two parallel bases and its other sides are parallelograms.

A ball-shaped object is a _____ .

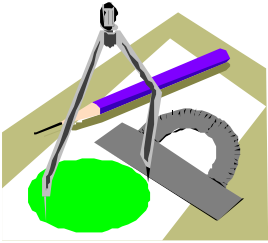
A triangle that has three equal sides is called _____ .

An _____ is a polygon with eight sides.

The line that cuts a circle into two exact halves is the _____ .

2. FIND QUESTIONS THAT LEAD TO THESE ANSWERS.

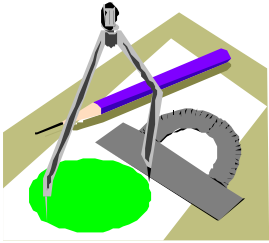
CONE	
HEXAGON	
PARALLEL	
SOLID	
RADIUS	
QUADRILATERAL	



GEOMETRY

3 WHICH OF THESE STATEMENTS ON GEOMETRY ARE TRUE OR FALSE ?

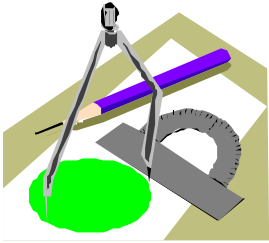
	T	F
The Pentagon is a building in Washington with six equal sides.		
The angles of a triangle always make up a total of 360° .		
A right triangle has two legs and a hypotenuse.		
The size of an angle is measured in degrees.		
A parallelogram never has right angles.		
Pythagoras found out that there is a connection between the length of the legs and the hypotenuse of a right triangle.		
Solids are objects with three dimensions		
The distance from the middle of a sphere to every point on its surface is always the same.		
The diameter of a circle is the radius multiplied by 3.14159		
A pyramid has two bases that are parallel to each other.		
The area of a rectangle is its length multiplied by its width.		
The constant 3.14159 is used when you want to calculate the surface of a cube.		
Planes have two dimensions		
Two lines that never meet are parallel.		
An equilateral triangle always has at least one right angle.		
A cone has a round base and is pointed at the other end.		
A hexagon has eight sides.		
An acute angle is more than 90° .		
A cube has faces that are all the same.		
The amount of space that a solid fills is called its volume.		



GEOMETRY

4 MATCH THE WORDS WITH THE DEFINITIONS

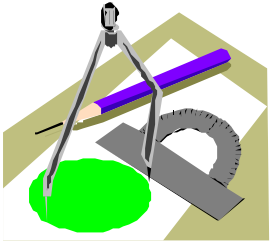
A	obtuse		a person who measures land
B	cube		on the other side
C	surveyor		an object that is round at one end and pointed at the other
D	triangle		an angle of more than 90° .
E	equilateral		a structure made by bees to store their honey
F	opposite		many lines that join to make a closed figure
G	segment		a tube through which water and other things can flow
H	polygon		a straight line through a circle that cuts it in half
I	honeycomb		all sides are the same
J	polyhedron		an object with six equal sides
K	pipe		to work out the size, length or volume of something
L	diameter		a solid shape with many sides
M	calculate		part of a line
N	cone		a flat shape with three sides and three angles



GEOMETRY

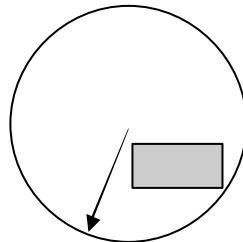
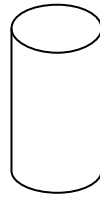
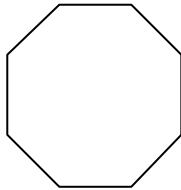
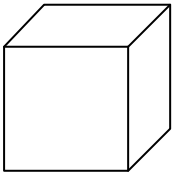
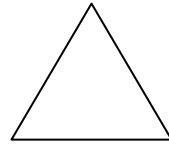
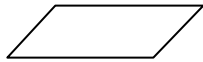
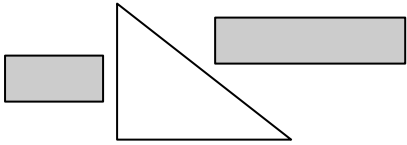
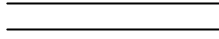
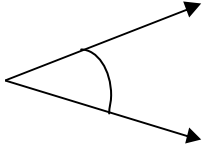
5 FIND 12 WORDS THAT HAVE SOMETHING TO DO WITH GEOMETRY AND MARK THEM ←→↓↖↗

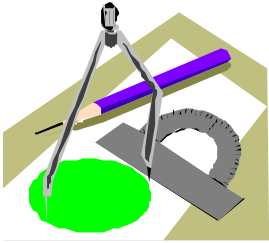
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 D V T
 G F X O P
 Y Y T D D L I
 S U R F A C E U N
 N S Q B B X I N G M C
 R A D I U S C R G C R E I
 V V F C I E A O C T B P E A Q
 Z M M O A E R L H R J X E
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 A



GEOMETRY

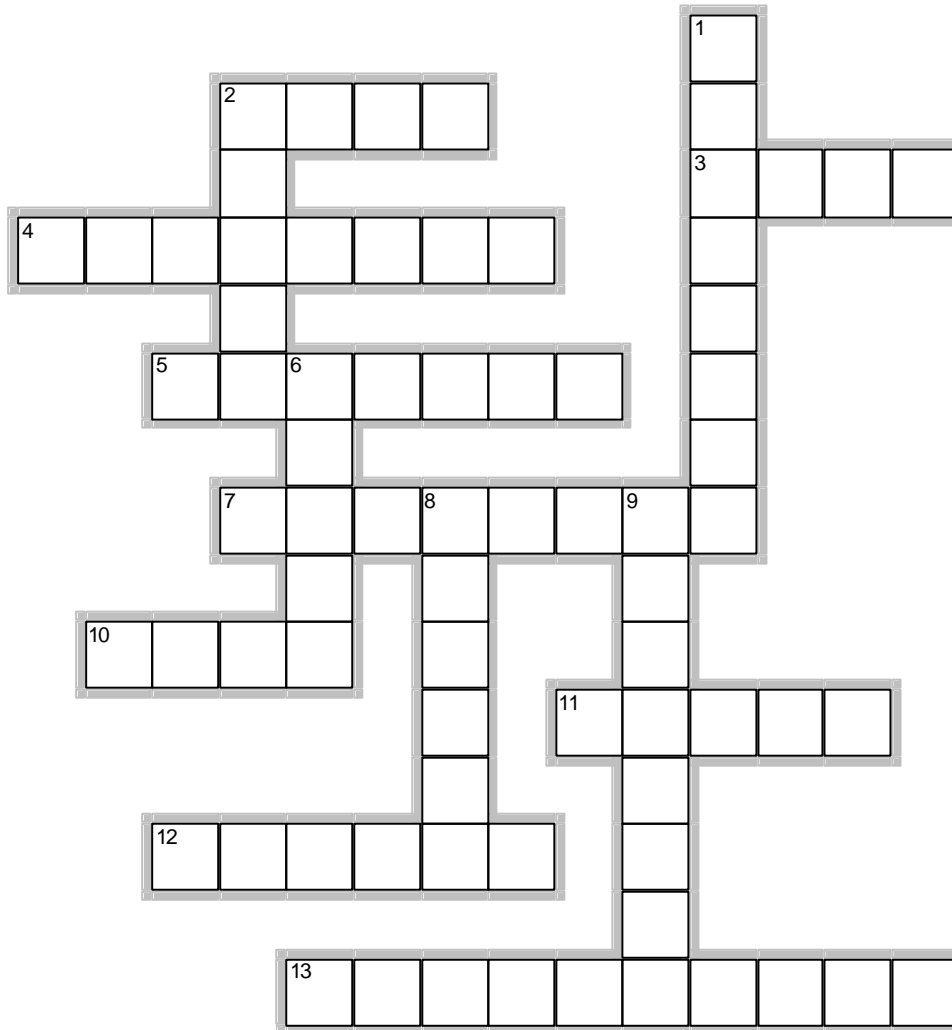
6 PUT THE CORRECT GEOMETRICAL NAMES INTO THE BOX !





GEOMETRY

7 CROSSWORD



Across

2. how big or small something is
3. the space that a shape covers
4. a flat shape with three sides and three angles
5. to find out how long or big something is
7. a person who measures land
10. an object that is round at one end and pointed at the other
11. hard, with a fixed shape
12. unit for measuring the size of an angle
13. a solid shape with many sides

Down

1. a straight line from one side of a circle to the other. It cuts the circle into two exact halves
2. the form that something has
6. an angle of less than 90°
8. the space that a three dimensional object fills
9. on the other side of