

MATH TOONS

WANTED: Geometric Shapes

Have you noticed that the world around you is made of shapes? Maybe that's why the word "geometry" comes from the Latin word "geometria," meaning to measure the earth. Geometry is the part of mathematics that deals with points, lines, angles, surfaces, shapes, and solids. So take a look around and notice the geometry that surrounds you! And keep your eye out for these unusual figures, concepts, and geometric shapes—no matter where you are!



"Tom and Ron" Congruent
these "twins" are exactly the same!

Figures (angles and sides, too!) are congruent if they are the same size and shape.

Scary Scalene
an odd-shaped triangle

A scalene triangle has three unequal sides. (None of the line segments are congruent!)

Acute
a very "cute" angle

An acute angle is an angle that has a measure greater than 0° and less than 90°.

30° and 60°
very "complimentary" angles

When two complementary angles are added together, the sum always equals 90°.

(X,Y)
make a great coordinate "pair" on a graph!

An ordered pair is a set of numbers you can graph. "X" is the horizontal number on the x-axis (across) and "Y" is the vertical number on the y-axis (up).

"Trapped-e-zoids"
trapezoids

Trapezoids are figures with only one pair of sides that are parallel.

Parallelogram
a quadrilateral

A parallelogram is a quadrilateral that has opposite sides congruent and parallel. That means squares and rectangles can also be called parallelograms!

"Point-y"
point "Y"

"Point Y" is an exact place or location on a figure, graph, or line.

"Ray"
just passing through hometown (or maybe a "plane" near you)

A ray is a part of a line that has one endpoint which extends forever in one direction.

"Perp"-endicular
very "cross" lines

Intersection
"A" meeting place

the point where two lines meet

"Turn," "Flip," and "Slide"
these good "sports" always make it to home plate

Figures can turn, slide, or flip without changing shape! In geometry, this is called rotation, translation, and reflection.

"Four Face"
a three-dimensional triangular pyramid

A triangular prism is a solid figure that has four faces, or four flat surfaces.

Area = 12cm²

the number of square units needed to cover a surface



- ACUTE
- OBTUSE
- RIGHT
- EQUILATERAL
- ISOSCELES
- SCALENE