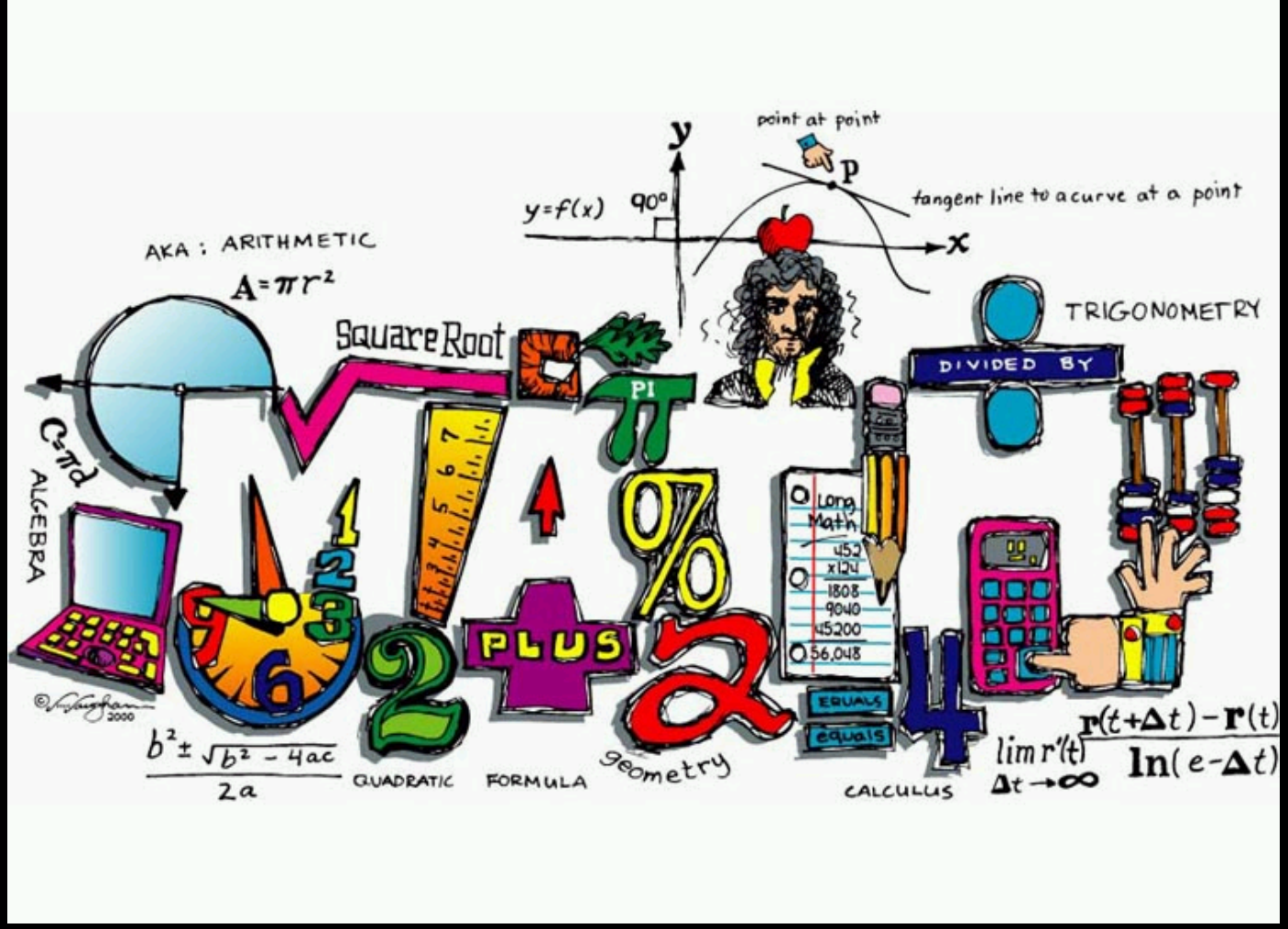


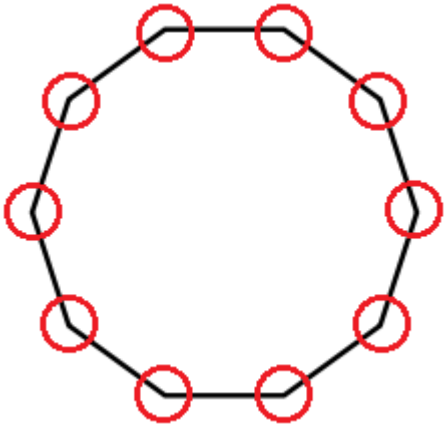
Game 2 “Helps” or “Reminders About What We Learned So Far” by Mrs. Smith

Formulas

- How to figure out the interior angle measurement of a regular polygon, like a decagon:

$$\frac{180 \times (n-2)}{n}$$

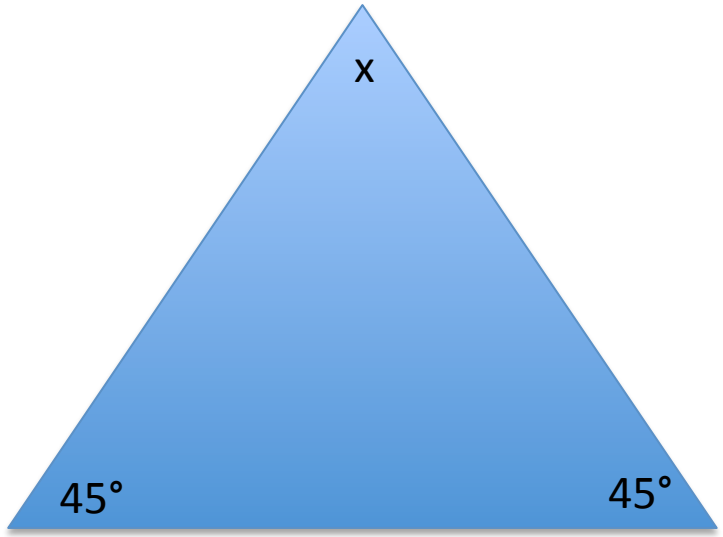
Example: $\frac{180 \times (10-2)}{10}$



$$= \frac{180 \times 8}{10} = \frac{1440}{10} = 144°$$

So, one angle is 144° , then the sum of the angles in a decagon are 144 x 10 = 1440

The Sum of the Interior Angles of a Triangle = 180°



EXAMPLE If,
180 = 45 + 45 + x
then, 180 – 90 = x
which means that x = 90

Regular Polygons

- All Regular Polygons, will have the same size sides and the interior (and exterior angles) will all be the same size.