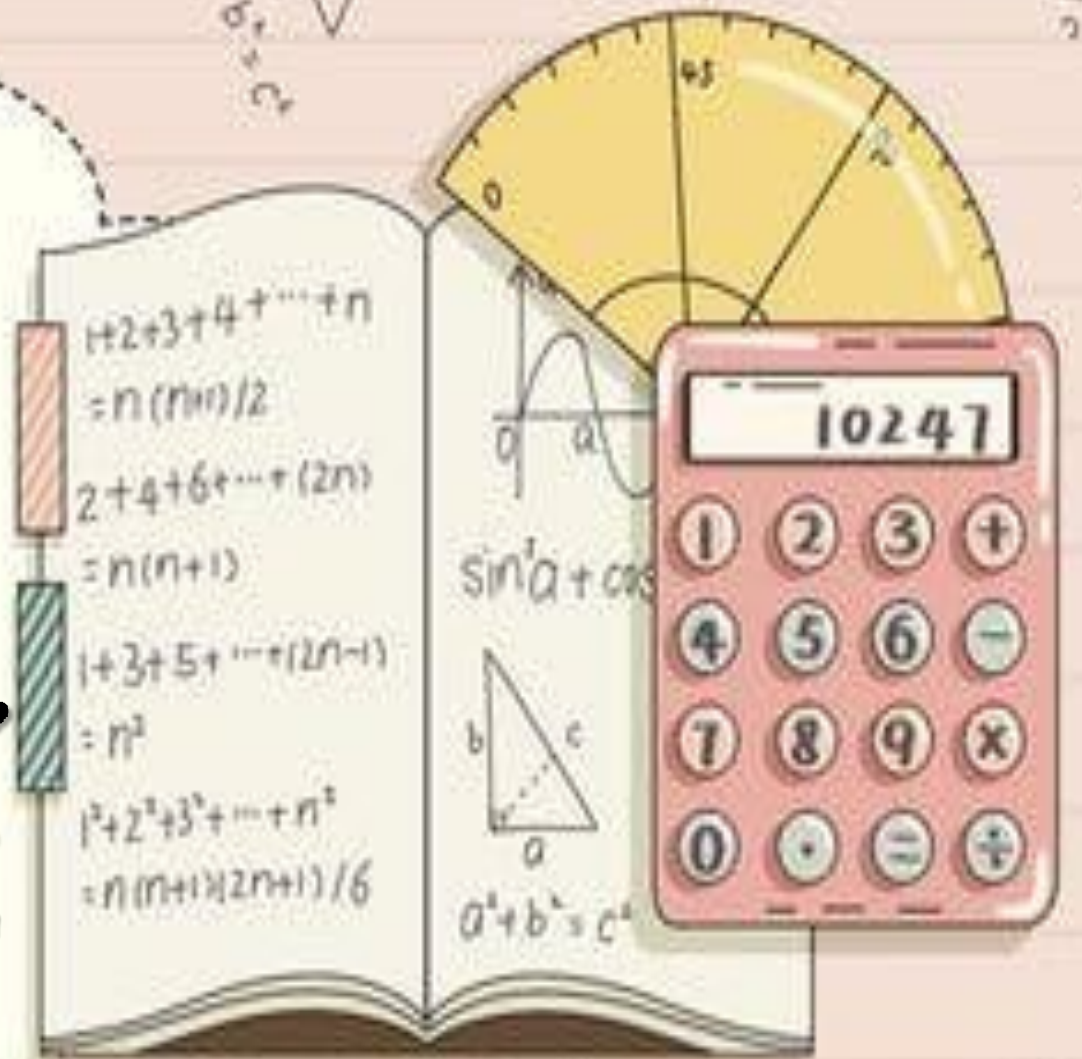


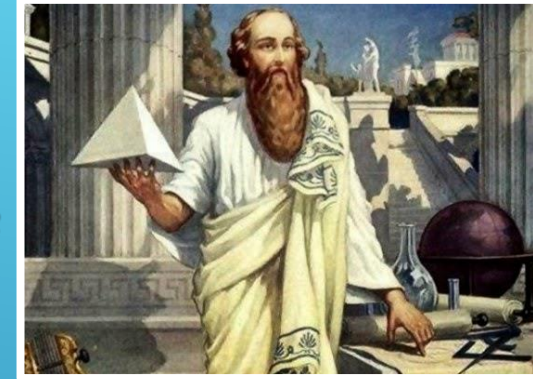
Mathematics with 'Engineering drawing'

-A different way to look at math

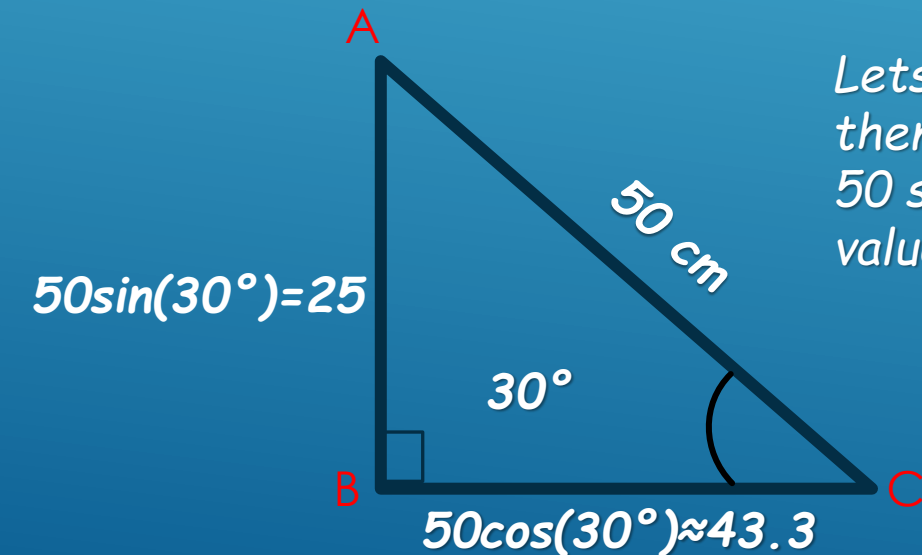


From ages different people(intellectuals, mathematicians, experts and learners) are viewing mathematics in their own way. People are discovering Many new things, theories, ways etc in mathematics and also will be discovering in future, there is no end because we are trying to make things as simple as possible. Here comes Mathematics with engineering drawing which is one of the most enthusiastic and interesting parts.

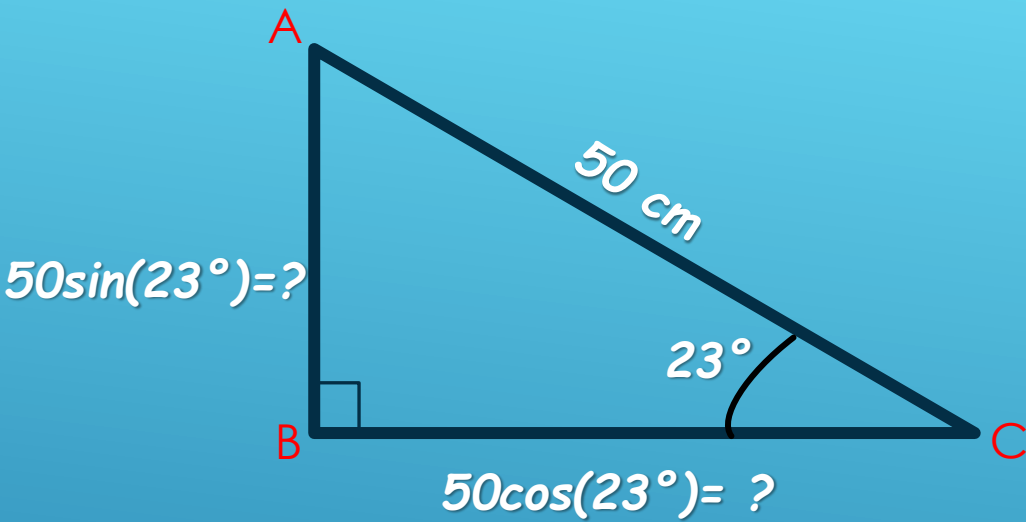
The complexity of solution in many problems of math can be decreased with the help of engineering drawing. Especially if we are dealing with huge dimensions (mountains, roads in practical purposes) this will be helping a lot to visualize and get approximate data. An engineering drawing is a type of technical drawing that is used to convey information of different objects shapes etc.



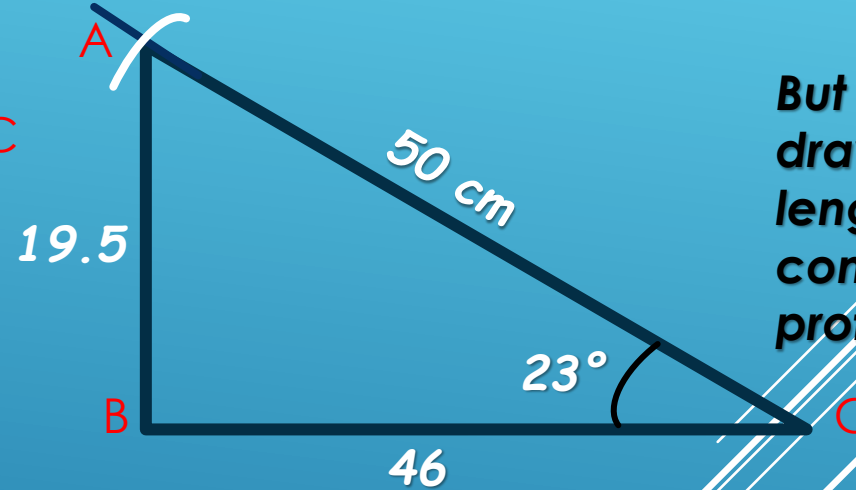
A simple example follows ,



Lets say, If the angle is 30 degrees in a right angled triangle then we can get length of the sides by solving $50\cos(30^\circ)$ and $50\sin(30^\circ)$. Since 30° is standard angle we can easily get the values .



If we have the angle 23° , we don't know the value of $\cos(23^\circ)$ and $\sin(23^\circ)$ since 23° is not the standard angle, so we may have to use electronic device or follow a sequence of complex steps to find the values.



But with help of engineering drawing we can easily get the length of sides of triangle with construction, with the help of protractor, compass and ruler.

"To avoid complexity and save time, sometimes it's better to solve via engineering drawing than other methods"

