



MATHEMATICS IS:



- PRACTICAL** ~ Math helps us feed, lead, comfort, inspire and heal people
- ILLUMINATING** ~ Math helps us think clearly and pursue and experience truth, beauty, justice, goodness
- COMMUNAL** ~ a mode of friendship, agreement, planning & conflict resolution
- CONNECTING** ~ science, art, language, making, medicine, nature, mind, logic, business, computing
- CHALLENGING** ~ thus engaging, pumping the iron of the mind, and thus potentially character building
- APPLIED** ~ in any areas of business, science, industry and government and in many areas of leisure.
- LANGUAGE** ~ of technology, science and business, international in scope
- LEARNING** ~ etymologically (μαθητής), historically, par excellence "that which is able to be learned."
- FUN** ~ Math is used to build the world around us. You can see the pieces come together.
- DIVERSION** ~ "All of humanity's problems stem from man's inability to sit quietly in a room alone." -- Pascal
- BEAUTY** ~ "Euclid alone has looked on Beauty bare."
-- Edna St. Vincent Millay
- WONDER** ~ "For all men begin ... by wondering that things are as they are, ... the incommensurability of the diagonal of a square with the side; for it seems wonderful to all who have not yet seen the reason, that there is a thing which cannot be measured even by the smallest unit. But we must end in the contrary ... when men learn the cause; for there is nothing which would surprise a geometer so much as if the diagonal turned out to be commensurable."
" ... the diagonal of the square is incommensurate with the side, because odd numbers are equal to evens if it is supposed to be commensurate."
-- Aristotle,
Metaphysics, B I p 2;
Prior Analytics 1.23.41a.26-27