Pythagoras Therorem:

$$a_1^2 + b_1^2 = c_1^2 \tag{1}$$

Equation 1 is used to find the length of the unknown side of a right angled triangle

Another equation:

$$\sum_{i=0}^{n} \sqrt[3]{\frac{a_i + b_i}{c_i}} \tag{2}$$

not sure what 2 is

"Given a quadratic equation, $ax^2 + bx + c = 0$*, then if* $\sqrt{b^2 - 4ac} \geq 0$*, roots of the equation are real. Else, the roots are complex."*

"The De Morgan's laws in Set Theory are given in Eq. XXX as follows."

$$\overline{A \cup B} = \bar{A} \cap \bar{B}$$

$$\overline{A \cap B} = \bar{A} \cup \bar{B}$$

"Where A *and* B *are Sets,* $\bar{A}$ *and* $\bar{B}$ *are the complements of sets* A *and* B*,* $\cup$ *is the Union and* $\cap$ *is the Intersection operations."*