USING NOTE CARDS AS A STUDY AID FOR MATH

Note cards can help students study and remember formulas, theories, methods, and definitions.

1. Standard 3"x5" note cards that are blank on one side and lined on the other are good, or you can use colored cards to code the type of card: e.g., definitions on green cards, theories on blue.
2. At the top of the blank side (front) of the card, put the word or formula to be learned.
3. On the lined side (back), write the definition or whatever you want to associate with what is on the front.

CONSECUTIVE INTEGERS	⇨ **Definition Card** ⇦	Integers that are next to one another in counting order, such as 8, 9, 10 or 34, 35, 36.

ADDITION THEOREM OF EQUALITY	⇨ **Theory Card** ⇦	If a, b, and c are real numbers, and if a = b, then a + c = b + c (the same number can be added to both sides of an equation).

QUADRATIC FORMULA	⇨ **Formula Card** ⇦	In the equation: $ax^2 + bx + c = 0 \qquad (a \neq 0)$ $x = \dfrac{-b \pm \sqrt{b^2 - 4ac}}{2a}$

TO FIND THE LEAST COMMON DENOMINATOR	⇨ **Method Card** ⇦	1. Factor each denominator. 2. The LCD is the product of all different factors from each denominator, with each factor raised to the highest power that occurs in any denominator.

Note cards are helpful in several ways:
- Simply making the note cards is a learning tool in itself.
- It is also a way to predict possible test questions.
- Note cards are small and durable and can be carried with you easily.
- They are a convenient way to study between classes or while waiting for the bus.
- Review note cards often. Do not just set them aside after they are made.
- It is easier to learn a little bit at a time, and nearly impossible to cram all the information into your head the night before the test.
- Note cards can be used as flash cards with friends and classmates.
- When you have some of them memorized, concentrate on the ones you still need to learn. Put the ones more difficult to remember toward the front of the stack for more frequent review.
- Note cards are also excellent for reviewing when studying for the final.