

HOW CAN I BE SUCCESSFUL IN MATH ?

The following are important **HABITS** to establish and maintain to be successful in math:

- 1 – **MAKE SENSE** of the problem and **PERSEVERE** in solving it.
(Don't give up!)
- 2 – **REASON** abstractly and quantitatively.
(Use variables to generalize and make sure quantitative answers are reasonable.)
- 3 – **CONSTRUCT VIABLE ARGUMENTS** and **CRITIQUE** the reasoning of others.
(Can you explain how you arrived at your answer and compare it with another person's approach.)
- 4 – **MODEL** with mathematics. (Represent a situation with data tables, equations, graphs, diagrams.)
- 5 – Use appropriate **TOOLS STRATEGICALLY**.
(Know when a problem should be solved with 'mental math', 'paper and pencil' or the calculator.)
- 6 – Attend to **PRECISION**. (Work neatly and accurately.)
- 7 – Look for and made use of **STRUCTURE**.
(Math is very organized – find a similar problem to assist.)
- 8 – Look for and express regularity in **REPEATED REASONING**.
(Math reveals patterns – look for them.)

