

## Jackie Cooke's Favorite Math Related Quotes

"Don't count your chickens before they hatch." - Aesop

"There are no mistakes or failures, only lessons." - Dennis Waitley

"If I work hard enough, there will be things I can do tomorrow that I can't do today." - Randy Pausch

"You never lose until you quit trying." - Mike Ditka

"Nothing is particularly hard if you break it down into small jobs"  
-Henry Ford

"Fall seven times, stand up eight." -Japanese Saying

"A journey of a thousand miles begins with a single step."  
-Chinese Saying

"Mathematics is the language with which God has written the universe." -  
Galileo Galilei

"To think the thinkable--that is the mathematician's aim." - C.J. Keyser

"Where there is number, there is beauty." - Proclus

"A mathematical problem should be difficult in order to entice us, yet not completely inaccessible, lest it mock at our efforts." - David Hilbert

"When we cannot use the compass of mathematics or the torch of experience...it is certain that we cannot take a single step forward." -Voltaire

"Wisdom is knowing what to do. Skill is knowing how to do it. Virtue is doing it." - Source unknown

"Opportunity always involves some risk. You can't steal second base and keep your foot on first." - Action Art Collection, Celebrating Excellence, Inc.

"We can't make students into seekers if we aren't seekers ourselves."  
- University mathematician, NCTM 1991

"Math is a language that needs to be spoken; a music that needs to be heard; and an art that needs to be seen." -Rachel McAnallen

"In times of change, the learners inherit the earth while the learned find themselves beautifully equipped to deal with a world that no longer exists." - Eric Hoffer

"Research is what I'm doing when I don't know what I'm doing" - Wernher Von Braun

"There are 3 kinds of people ... Those who can count and those who can't."

Listed below are several quotes that are attributed to George Polya, who is considered the "Father of problem solving."

"Solving problems is human nature itself."

"To solve a problem is to find a way where no way is known off-hand, to find a way out of a difficulty, to find a way around an obstacle, to attain a desired end that is not immediately attainable, by appropriate means."

"The best way to learn anything is to discover it by yourself."

"It is better to solve one problem five different ways than to solve five different problems."

"To truly become number one; one must strive to surpass oneself, not the competition."(Unknown)

"Five out of four students are poor at fractions." unknown

"A mathematician has not fully understood his own work until he has effectively explained it to the first man he meets on the street." -Joseph Lagrange

"If we took the rocks from the brook, it would lose its music" -Source unknown

"Friends are mathematical: they divide sorrow and multiply happiness." - Ed Bowser

"A Mathematician is a machine for turning coffee into theorems. - Paul Erdős

"On two occasions I have been asked [by members of Parliament], 'Pray, Mr. Babbage, if you put into the machine wrong figures, will the right answers come out?' I am not able rightly to apprehend the kind of confusion of ideas that could provoke such a question."

- Charles Babbage

"Do not worry about your difficulties in mathematics, I assure you that mine are greater." - Albert Einstein

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