



Math Mole

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- Today's Editor: Dalton
- Thursday: Kenny & Dr. C

Quotes:

In a closed society where everybody's guilty, the only crime is getting caught. In a world of thieves, the only final sin is stupidity. –Hunter S. Thompson

The laws of nature are but the mathematical thoughts of God. –Euclid

Puzzles:

Creepy: A creeper plant is climbing up and around a cylindrical tree trunk in a helical manner. The tree trunk has a height of 630 inches and a circumference of 48 inches. If the creeper covers a vertical distance of 90 inches in one complete twist around the tree trunk, what is the total length of the creeper?

Ages II: My grandson is about as many days as my son is weeks, and my grandson is as many months as I am in years. My grandson, my son and I together are 120 years. Can you tell me my age in years?

Mathematician of the Day



Euclid of Alexandria, Fl. 300 B.C.E.

- Euclid, also known as Euclid of Alexandria, was a Greek mathematician and is often referred to as the "Father of Geometry."
- His *Elements* is the most successful textbook and one of the most influential works in the history of mathematics, serving as the main textbook for teaching mathematics (especially geometry) from the time of its publication until the late 19th or early 20th century. In it, the principles of what is now called Euclidean geometry were deduced from a small set of axioms. Euclid also wrote works on perspective, conic sections, spherical geometry, number theory and rigor.
- Little is known about Euclid's life. The biographical information that we do have comes largely from commentaries by Proclus and Pappus of Alexandria. Euclid was active at the great Library of Alexandria and may have studied at Plato's Academy in Greece. The date and place of Euclid's birth and the date and circumstances of his death are unknown.
- No likeness or description of Euclid's physical appearance made during his lifetime survived antiquity. Therefore, Euclid's depiction in works of art is the product of the artist's imagination.