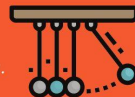


# ISAAC NEWTON FAST FACTS

Sir Isaac Newton is an English 'natural philosopher' and a key figure in the scientific revolution of the 17th century.



## BASIC INFORMATION

Name: Sir Isaac Newton

Birthdate: December 25, 1642

Birthplace: Lincolnshire, England

Notable contributions:

Discovering gravity, inventing calculus, and developing the laws of motion

## NEWTON'S METHOD

Also known as the Newton-Raphson Method, this mathematical root-finding algorithm produces a better approximation of roots of a real-valued function.

## IMPORTANT FACTS



Newton discovered the laws of motion after surmising that apples fell from trees because a force acted upon them. In relation to this, he also concluded that the moon would fly away from the Earth in a straight line if not for the planet's gravitational pull.

Newton discovered calculus at the age of 24. Calculus is the study of the rate of change and summation of quantities. It is integral to physics, chemistry, biology, economics, all branches of engineering, and more.

Philosophiæ Naturalis Principia Mathematica, Newton's work published in 1687, states the laws of motion and the foundations of classical mechanics, among others.

## THE REFLECTING TELESCOPE

Newton invented a telescope that uses mirrors to reflect light and form an image. This type of telescope technology is used today for major astronomy telescopes.

NAME: \_\_\_\_\_

# VENN DIAGRAM

SHOW THE SIMILARITIES AND DIFFERENCES BETWEEN NEWTON AND ME AND SIR ISAAC  
NEWTON



SIR ISAAC NEWTON

NEWTON AND ME

