PROFESSOR

PHI

The Golden Ratio

'Phi' is a special number approximately equal • to 1.618. In the Greek alphabet it is represented by ϕ



• The golden ratio exists when: "The ratio of the entire line (A) to the line segment (B) is the same as the ratio of the segment (B) to (C)"

This only occurs when the ratio is $1.618 : 1 \text{ or } \phi : 1$ a

a+b

h

The golden ratio appears in many areas such as art, architecture, nature, beauty, music...



