br.edu.figurasgeometricasespaciais

Cubo

- aresta: double

+ setAresta():void
+ getAresta(): double
+ calcAreaBase(): void
+ calcAreaLateral(): void
+calcAreaTotal(): void

Paralelepipedo

- comprimento: double
- largura: double
- altura: double

+ setComprimento(): void
+ getComprimento(): double
+ setLargura(): void
+ getLargura(): double
+ setAltura(): void
+ getAltura(): double
+ calcAreaBase(): void
+ calcAreaTotal(): void
+ calcDiagonal(): void

FigurasGeometricasEspacial

altura: double
diagonal: double
area: double
areaBase: double
areaTotalBase: double
areaTotal: double
volume: double

+ mostraArea: void
+ mostraAreaBase(): void
+ mostraAreaTotalBase(): void
+ mostrarAreaLateral(): void
+ mostraAreaTotal(): void
+ mostraVolume(): void
+ getArea(): double
+ getAreaBase(): double
+ getAreaTotalBase(): double
+ getAreaLateral(): double
+ getAreaTotal(): double
+ getVolume(): double

Cone

- raio: double
- geratriz: double
- altura: double

+ setRaio(): void
+ getRaio(): double
+ setGeratriz(): void
+ getGeratriz(): double
+ setAltura(): void
+ getAltura(): double
+ calcAreaBase(): void
+ calcAreaLateral(): void
+ calcAreaTotal(): void

Prisma

- aresta: double
- base: double
- lateral: double

+ setAresta(): void
+ getAresta(): double
+ setBase(): void
+ getBase(): double
+ setLateral(): void
+ getLateral(): double
+ calcAreaBase(): void
+ calcAreaLateral(): void
+ calcAreaTotal(): void

Piramede

- lado: double
- ladoBase: double
- altura: double

+ setLado(): void
+ getLado(): double
+ setLadoBase(): void
+ getLadoBase(): double
+ setAltura(): void
+ getAltura(): double
+ calcAreaBase(): void
+ calcAreaLateral(): void
+ calcAreaTotal(): void

Esfera

- raio: double
- area: double
- volume: double

+ setRaio(): void
+ getRaio(): double
+ calcArea(): void
+ mostraArea(): void
+ getArea(): double
+ getVolume(): double

Cilindro

- raio: double
- altura: double

+ setRaio(): void
+ getRaio(): double
+ setAltura(): void
+ getAltura(): double
+ calcAreaBase(): double
+ calcAreaTotalBase(): void
+ calcAreaLateral(): void
+ calcAreaTotal(): void

Tetraedro

- aresta: double

+ setAresta(): void
+ getAresta(): double
+ calcAreaBase(): void
+ calcAltura(): void

br.edu.principal

Principal

+ static main (String [] args): void

br.edu.figurasgeometricasplanas

Triangulo

- base: double
- altura: double

+ getAltura(): void
+ setAltura(): void
+ getBase(): void
+ setBase(): void

FormasGeometricasPlanas

- area: double

+ calcArea(): void
+ getArea(): void
+ mostraArea(): void

Trapezio

- maiorB: double
- menorB: double
- altura: double

+ getMaiorD(): void
+ setMaiorD(double maiorD): void
+ getMenorD(): void
+ setMenorD(double menorD): void

Circulo

- raio: double

+ getRaio(): void
+ setRaio(): void

Quadrado

- lado: double

+ getLado(): void
+ setLado(): void

Retangulo

- base: double
- altura: double

+ getAltura(): void
+ setAltura(): void
+ getBase(): void
+ setBase(): void

Pentagono

- perimetro: double
- apotema: double

+ getApotema(): void
+ setApotema(): void
+ getPerimetro(): void
+ setPerimetro(): void

Paralelogramo

- base: double
- altura: double

+ getBase(): void
+ setBase(): void
+ getAltura(): void
+ setAltura(): void

Hexagono

- lado: double

+ getLado(): void
+ setLado(): void

Losango

- maiorD: double
- menorD: double

+ getMaiorD(): void
+ setMaiorD(): void
+ getMenorD(): void
+ setMenorD(): void