

class FiguresGroup :

Olivera Matias

public void showFiguresInfo ()

PR1-2020-2

10/4/2020, 10:41:32 PM

	Figure figure : this.getFigures()	figure.showInfo()
--	-----------------------------------	-------------------

class Figure :

Olivera Matias

public void showInfo ()

PR1-2020-2

10/4/2020, 10:41:32 PM

S	"Área: " + this.getArea() + " - Perímetro: " + this.getPerimeter() +
S	" - Color: " + this.getColour()

class Circumference extends Figure :

Olivera Matias

public double getArea ()

PR1-2020-2

10/4/2020, 10:41:32 PM

	return Math.PI * Math.pow(this.getRatio(), 2)
--	---

class Circumference extends Figure :

Olivera Matias

public double getPerimeter ()

PR1-2020-2

10/4/2020, 10:41:32 PM

	return Math.PI 2 * this.getRatio()
--	------------------------------------

class Rectangle extends Figure :

Olivera Matias

public double getArea ()

PR1-2020-2

10/4/2020, 10:41:32 PM

	return this.getSide() * this.getHeight()
--	--

class Rectangle extends Figure :

Olivera Matias

public double getPerimeter ()

PR1-2020-2

10/4/2020, 10:41:32 PM

	return this.getSide() * 2 + this.getHeight() * 2
--	--

class EquilateralTriangle extends Figure :

Olivera Matias

public double getArea ()

PR1-2020-2

10/4/2020, 10:41:32 PM

	return (this.getHeight() * this.getSide()) / 2
--	--

class EquilateralTriangle extends Figure :

Olivera Matias

public double getPerimeter ()

PR1-2020-2

10/4/2020, 10:41:32 PM

	return this.getSide() * 3
--	---------------------------