GeometricObject

-identifier: int
-objectType: String
-xPoint: int
-yPoint: int
-dateCreated: java.util.Date

+GeometricObject()
+GeometricObject(identifier: int)
+getIdentifier(): int
+setIdentifier(color: int): Void
+getObjectType(): String
+setObjectType(objectType: String): void
+getxPoint(): int
+setxPoint(xPoint: int):Void
+getyPoint(): int
+setyPoint(xPoint: int):Void
+getDateCreated(): java.util.Date
+toString(): String
+getArea(): double

Circle

-radius: double

+Circle()
+Circle(identifier: int, radius: double)
+getRadius(): double
+setRadius(radius: double): Void
+toString(): String
+getArea(): double

Square

-side: double

+Square()
+Square(identifier: int, side: double)
+getSide(): double
+setSide(side: double): Void
+toString(): String
+getArea(): double

RightTriangle

-base: double
-height: double

+RightTriangle()
+RightTriangle(identifier: int, base: double, height: double)
+getBase(): double
+setBase(base: double): Void
+getHeight(): double
+setHeight(height: double): Void
+toString(): String
+getArea(): double