

## *GeometricObject*

-----  
-color: String  
-filled: boolean  
-dateCreated: java.util.Date  
-----

#GeometricObject()  
#GeometricObject(color: String, filled: boolean)  
+getColor(): String  
+setColor(color: String): void  
+isFilled(): boolean  
+setFilled(filled: boolean): void  
+getDateCreated(): java.util.Date  
+toString(): String  
+getArea(): double  
+getPerimeter(): double



## Triangle

-----  
-side1: double  
-side2: double  
-side3: double  
-----

+Triangle()  
+Triangle(side1: double, side2: double, side3: double)  
+Triangle(side1: double, side2: double, side3: double, color: String, filled: boolean)  
+getSide1(): double  
+setSide1(side1: double): void  
+getSide2(): double  
+setSide2(side2: double): void  
+getSide3(): double  
+setSide3(side3: double): void

