

## *GeometricObject*

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

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#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

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

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+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