GeometricObject	(abstract)

```
<<interface>>
cloneable
```

- color : String
- filled: boolean
- datecreated : Java.util.Date

\# GeometricObject();

\# GeometricObject (color:string, filled: boolean)

+ getColor(): String

+ isfilled (): boolean

+ getDateCreated() : Java.util.Date

+ toString() : String

(abstract)+ getArea(): double

(abstract)+ getPerimeter(): double

```
GeometricObject                    <<interface>>
                                   cloneable


                                        Trapezoid

                                        - a : double
                                        - b : double
                                        - h : double

                                        + Trapezoid (a:double,
                                          b:double, h:double)
                                        + setA (a:double)
                                        + setB (b:double)
                                        + getArea() : double
                                        + getPerimeter() : double
                                        + toString() : String

Rhombus

- side : double
- height : double

+ Rhombus (side : double,
  height : double)
+ setSide (side:double)
+ toString () : string
+ getArea() : double
+ getPerimeter() : double
+ setSide (side:double)
```