Colorable
+howToColor(): String

Square
-side: double
+Square() +Square(side: double) +Square(side: double, color: String, filled: Boolean) +setSide(side: double): void +getSide(): double +getArea(): double +getPerimeter(): double +howToColor(): String +toString(): String

GeometricObject
-color: String -filled: boolean
+GeometricObject() +GeometricObject(color: String, filled: boolean) +getColor(): String +setColor(color: String): void +isFilled(): Boolean +setFilled(filled: Boolean): void +getDataCreated() +toString(): String +getArea(): double +getPerimeter(): double

Circle
-radius: double
+Circle() +Circle(radius: double) +Circle(radius: double, color: String, filled: Boolean) +getRadius(radius: double): void +getArea(): double +getDiameter(): double +getPerimeter(): double +equals(): Boolean +compareTo(): int +toString(): String

Octagon
-side: double
+Octagon() +Octagon(side: double) +setSide(side: double): void +getSide(): double +getArea(): double +getPerimeter(): double +compareTo(): int +clone() +toString(): String