

UML Diagrams

3/29/17

11.1

Triangle

```
+ side1: double  
+ side2: double  
+ side3: double  
+ Triangle (double side1, double side2, double side3)  
+ Triangle ()  
+ getSide1(double newSide1): double  
+ getSide2(double newSide2): double  
+ getSide3(double newSide3): double  
+ getArea(): double  
+ getPerimeter(): double  
+ toString(): String
```

Geometric Object

```
- color: String  
- filled: boolean  
- dateCreated: java.util.Date  
+ GeometricObject (String color, boolean filled)  
+ getColor(): String  
+ setColor (String color): void  
+ isFilled (): boolean  
+ setFilled (boolean filled): void  
+ getDateCreated (): java.util.Date  
+ toString(): String
```