1. The class MyCircle, MyRectangle and MySquare are a perfect example.They use different instances of variables( radius, width and height, side) in the getArea and containsPoint each class uses a different value for the method.
2. Because they are defined in the parent class (GridItem) as protected that the children class (MyCirlce) can access it.
3. Because it’s being overwritten in the parent class
4. The field GridItem.x is not visible

The field GridItem.y is not visible

The field GridItem.x is not visible

The field GridItem.y is not visible

1. Having abstract methods would have made the children class to provide implement for the abstract method
2. Instead of having to imagine how should everything be written the Interface is the “contract” of the structure