





Inheritance in Java

- An "is a" relationship that involves sharing of attributes and methods among classes.
- A superclass defines a common set of attributes and operations.
- A subclass extends the resources in a superclass by adding its own data and methods.























```
resize() (2)

else if (m instanceof Circle)
{
    // cast m as a Circle
    Circle c = (Circle)m;
    // use setRadius() to resize the radius
    c.setRadius(c.getRadius()*pct);
    }
}
```









