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| **Property** | **Method Overloading** | **Method Overriding** |
| Method Names | Must be same | Must be same |
| Argument types | Must be different | Must be same(including order) |
| Method Signature | Must be different | Must be same |
| Return types | No restriction | Must be same until 1.4 v. but from 1.5 v onwards covariant return types also allowed |
| Private, Static, Final Methods | Can be overloaded | Cannot be overrides |
| Access modifiers | No restrictions | We can’t reduce scope of access modifiers, but we can increase the scope |
| Throws class | No restriction | If child class method throws any checked exception, then parent class compulsory should be throws same checked exception or its parent. But no restrictions for unchecked exceptions |
| Method resolution on | Always takes care by compiler based on reference type | Always takes care by JVM based on runtime object |
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