

- 1. **IS-A:** It's because a subclass (MallardDuck) is derived from a base class (Duck): Mallard duck IS-A duck.
- 2. **IS-A:** It's because a subclass (RedheadDuck) is derived from a base class (Duck): Red head duck IS-A duck.
- 3. **IS-A:** It's because a subclass (RubberDuck) is derived from a base class (Duck): Rubber duck IS-A duck.
- 4. **IS-A:** It's because a subclass (DecoyDuck) is derived from a base class (Duck): Decoy duck IS-A duck.
- 5. **HAS-A:** It's because base class (Duck) has instance variable that are objects of other class (FlyBehavior): Duck HAS-A fly behavior.
- 6. **HAS-A:** It's because base class (Duck) has instance variable that are objects of other class (QuackBehavior): Duck HAS-A quack behavior.
- 7. **IS-A:** It's because a subclass (Quack) is derived from a base class (QuackBehavior): Quack IS-A quack behavior.
- 8. **IS-A:** It's because a subclass (Squeak) is derived from a base class (QuackBehavior): Squeak IS-A quack behavior.
- 9. **IS-A:** It's because a subclass (MuteQuack) is derived from a base class (QuackBehavior): Mute quack IS-A quack behavior.

