

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### **Chassis Types Worksheet**

1. Imagine you're building a robot that needs to drive at high speeds, which type of chassis would you use?
  - a. A Wheeled Chassis
  - b. A Tracked Chassis
  - c. A Legged Chassis
  - d. A Rotored Chassis
2. Imagine you're building a robot that needs to mimic an animal, which type of chassis would you use?
  - a. A Wheeled Chassis
  - b. A Tracked Chassis
  - c. A Legged Chassis
  - d. A Rotored Chassis
3. Imagine you're building a robot that needs to lift heavy loads at a construction site, which type of chassis would you use?
  - a. A Wheeled Chassis
  - b. A Tracked Chassis
  - c. A Legged Chassis
  - d. A Rotored Chassis
4. Imagine you're building a robot that needs to fly to make deliveries, which type of chassis would you use?
  - a. A Wheeled Chassis
  - b. A Tracked Chassis
  - c. A Legged Chassis
  - d. A Rotored Chassis
5. Imagine you're building a robot that needs to function like an RC car, which type of wheeled chassis would you use?
  - a. A Tank Drive Chassis
  - b. A Kiwi Drive/X-Drive Chassis
  - c. A Non-Traditional Chassis
6. Imagine you're building a robot that needs to climb up a flagpole, which type of wheeled chassis would you use?
  - a. A Tank Drive Chassis
  - b. A Kiwi Drive/X-Drive Chassis
  - c. A Non-Traditional Chassis
7. Imagine you're building a robot that needs to be able to drive without turning, which type of wheeled chassis would you use?
  - a. A Tank Drive Chassis
  - b. A Kiwi Drive/X-Drive Chassis
  - c. A Non-Traditional Chassis