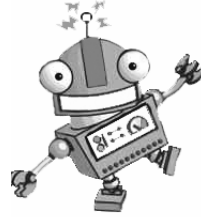


Name \_\_\_\_\_



**Answer the following questions and then design your own Robot!**

**1. What kinds of things can robots do?**

**2. What makes them different from humans?**

**3. How do robots know what things to do?**

**4. Can you put these 10 robot words in alphabetical order?**

- |                    |            |       |
|--------------------|------------|-------|
| <b>1. Robot</b>    | <b>1.</b>  | _____ |
| <b>2. Gears</b>    | <b>2.</b>  | _____ |
| <b>3. Memory</b>   | <b>3.</b>  | _____ |
| <b>4. Chip</b>     | <b>4.</b>  | _____ |
| <b>5. Bolts</b>    | <b>5.</b>  | _____ |
| <b>6. Wheel</b>    | <b>6.</b>  | _____ |
| <b>7. Work</b>     | <b>7.</b>  | _____ |
| <b>8. Metal</b>    | <b>8.</b>  | _____ |
| <b>9. Sensor</b>   | <b>9.</b>  | _____ |
| <b>10. Robotic</b> | <b>10.</b> | _____ |

**5.** It is up to you and three other classmates to design your own robot. You can use the robot to explore space, do work in the classroom, or do something at home.

Discuss what you want your robot to do and what it will look like. Make diagrams and drawings of it on a separate piece of paper.

Before you decide on a design, you may want to decide the following:

- |                             |                                 |
|-----------------------------|---------------------------------|
| a. How will your robot see? | b. What is its energy source?   |
| c. How will it move?        | d. What kind of work can it do? |