



REVOLUTION AND ROTATION • HOMEWORK

PART 1: REVOLUTION VS. ROTATION

DIRECTIONS: For each scenario, write whether it is an example of *revolution* or *rotation*.

1. A wheel on a bicycle is turning. _____
2. A bicyclist is riding in circles around the block. _____
3. The propeller on a plane is spinning. _____
4. A plane is circling the airport before it lands. _____
5. A group of children is dancing in a circle, playing ring-around-the-rosie. _____
6. A child is sitting in a desk chair, spinning around and around. _____
7. A group of basketball players is running laps before practice. _____
8. The horses on a carousel are going around. _____
9. A baseball player hits a home run and runs all the way around the bases. _____
10. A yo-yo is spinning. _____

PART 2: BE CREATIVE!

DIRECTIONS: Think of one more example of rotation and one more of revolution. These should **NOT** be things we wrote in the notes! **DRAW** a sketch and **WRITE** a description. For an example of a good description, look at the sentences from Part 1 on this page.

PICTURE of a rotating object:

DESCRIPTION: _____

PICTURE of a revolving object:

DESCRIPTION: _____
