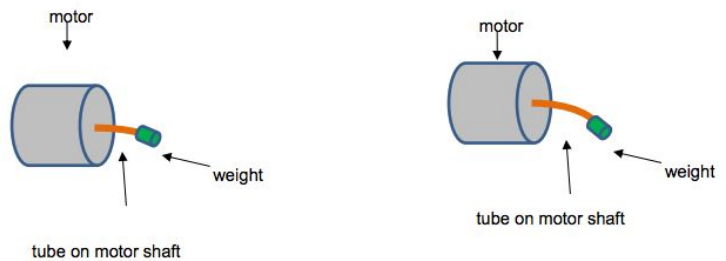


JITTERBUGS!

Student Names:

1. Make a prediction: What will happen if the plus and minus connections of a power source to a motor are switched?

2. Below are drawings of two motors with weights attached to different length tubes on the motor shafts. Make a prediction about which drawing is the weight likely to spin more slowly because the motor has to work harder? Circle that motor.



3. Test #1: Place the Jitterbug in direct sunlight and see what happens! Draw and describe your Jitterbug's movement.

4. Test #2: Move the rubber band and beads toward or away from the motor. Draw and describe the changes to the Jitterbug's motion. Were you correct in your predictions in question 2?
