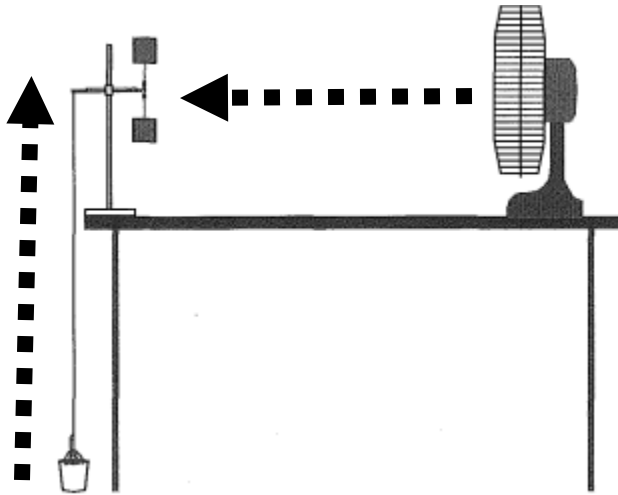
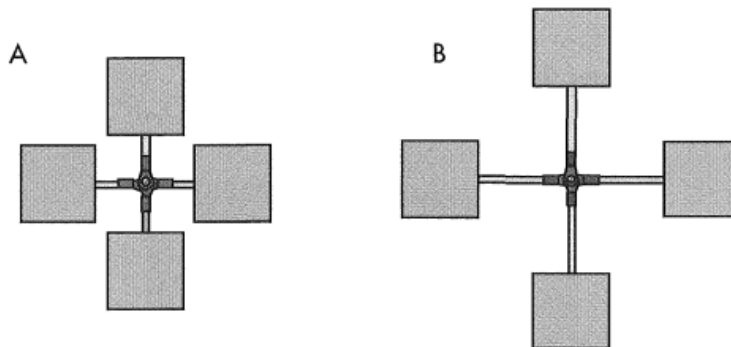


1. Explain how energy is converted from one from to another based on the diagram below.



2. How could you tell if one windmill is more powerful than another?

3. Which windmill would spin faster in the same amount of wind? Circle your answer.



Explain your choice: _____

4. If the wind blew directly toward both of the windmill blades shown below, would both windmills work equally well? Why or why not?

A



B



5. What would you change about this windmill to make it lift more weight?

