Make an Anemometer

Name: _____

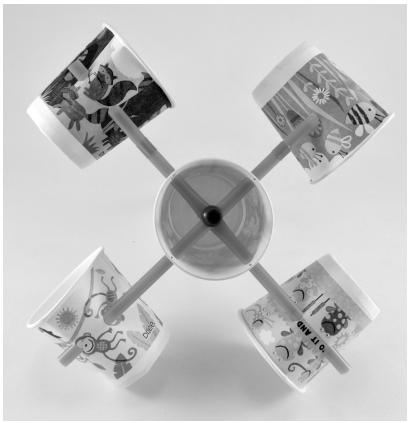
Date: _____

Student quiz

Directions: Circle the best answer for each question below.

1. What does an anemometer measure?
    a. Wind speed
    b. Temperature
    c. Humidity
    d. Rainfall

2. This picture shows a top-down view of an anemometer like the one you built in this project. Which direction will it spin when the wind blows?



a. 

b. 

3. When the wind blows faster, your anemometer should:
    a. Spin slower
    b. Spin at the same speed
    c. Spin faster
    d. Spin in the opposite direction

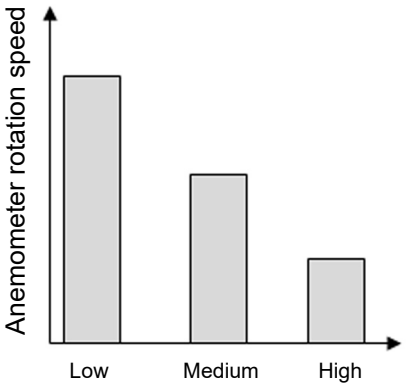
Make an Anemometer—Page 2

Name: _____

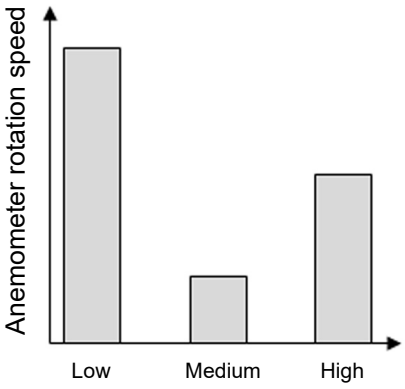
Directions: Circle the best answer for each question below.

4. Which graph shows the correct pattern for how the anemometer's rotation speed changes with fan speed?

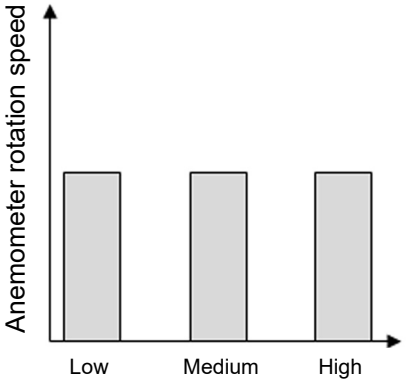
a.



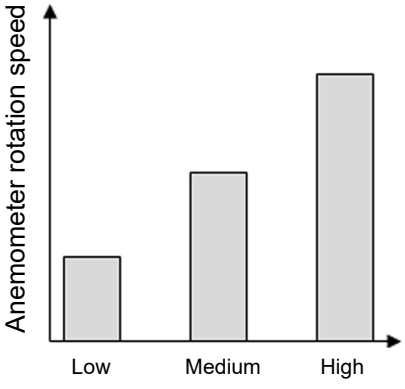
b.



c.



d.



5. It is important to predict the weather because…
   a. It lets us know how to get dressed in the morning.
   b. It can warn people when dangerous storms are coming.
   c. It lets pilots know when it is safe to take off or land airplanes.
   d. All of the above.