

Name: _____

Weather Instruments

Match the name of each weather instrument on the left with its purpose on the right.

_____ 1. thermometer

a. measures humidity in the air

_____ 2. hygrometer

b. measures high and low pressure in the air

_____ 3. anemometer

c. measures air temperature

_____ 4. barometer

d. measures the amount of rain that has fallen

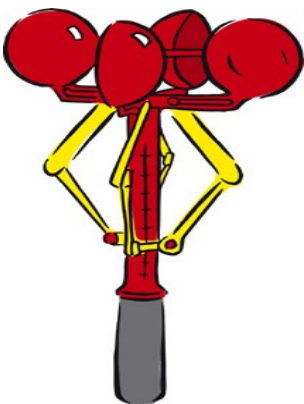
_____ 5. wind vane

e. measures direction of the wind

_____ 6. rain gauge

f. measures speed of the wind

7. Write the name of the instrument in the picture and explain how it works.



Name: _____

Weather Instruments

Match the name of each weather instrument on the left with its purpose on the right.

c 1. thermometer

a. measures humidity in the air

a 2. hygrometer

b. measures high and low pressure in the air

f 3. anemometer

c. measures air temperature

b 4. barometer

d. measures the amount of rain that has fallen

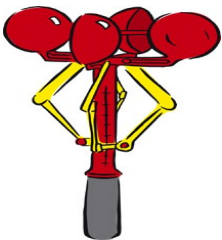
e 5. wind vane

e. measures direction of the wind

d 6. rain gauge

f. measures speed of the wind

7. Write the name of the instrument in the picture and explain how it works.



The instrument in the picture is an anemometer. The cups at the top catch the wind, causing the anemometer to spin. The faster the wind speed, the faster the anemometer will spin. The speed of the spinning causes the arms and gauge on the bottom to rise and fall, indicating the current wind speed.