

INVESTIGATION 1 AND 2

PRACTICE TEST

Name _____

Period _____ Date _____

Directions: Fill in the blanks to make the sentences correct using the word bank.

atmosphere	carbon dioxide	compressed	forecast	mass
mesosphere	meteorologist	meteorology	nitrogen	oxygen
pressure	severe weather	stratosphere	troposphere	water vapor
weather	weather factors	weight		

- _____ describe the properties of air that affect weather.
- Weather that is dangerous or causes damage is called _____.
- The condition of the atmosphere at a specific time and place is called _____.
- A person who studies the weather is a _____.
- The scientific study of Earth's weather is known as _____.
- The _____ is a predication about what kind of weather to expect.
- The force an object exerts because of gravity is called _____.
- When a gas is _____, it is forced into a smaller space.
- _____ is the push when a compressed gas pushes back.
- The _____ is the layer of gases surrounding the Earth.
- The amount of matter in an object is the _____.
- The two most plentiful gases in the atmosphere are _____ and _____.
- Two gases that are only found in the troposphere are the _____ and _____.
- The _____ protects the Earth from receiving too much ultraviolet light.
- Shooting stars are created when meteors burn up in the _____.
- Weather occurs in the _____.

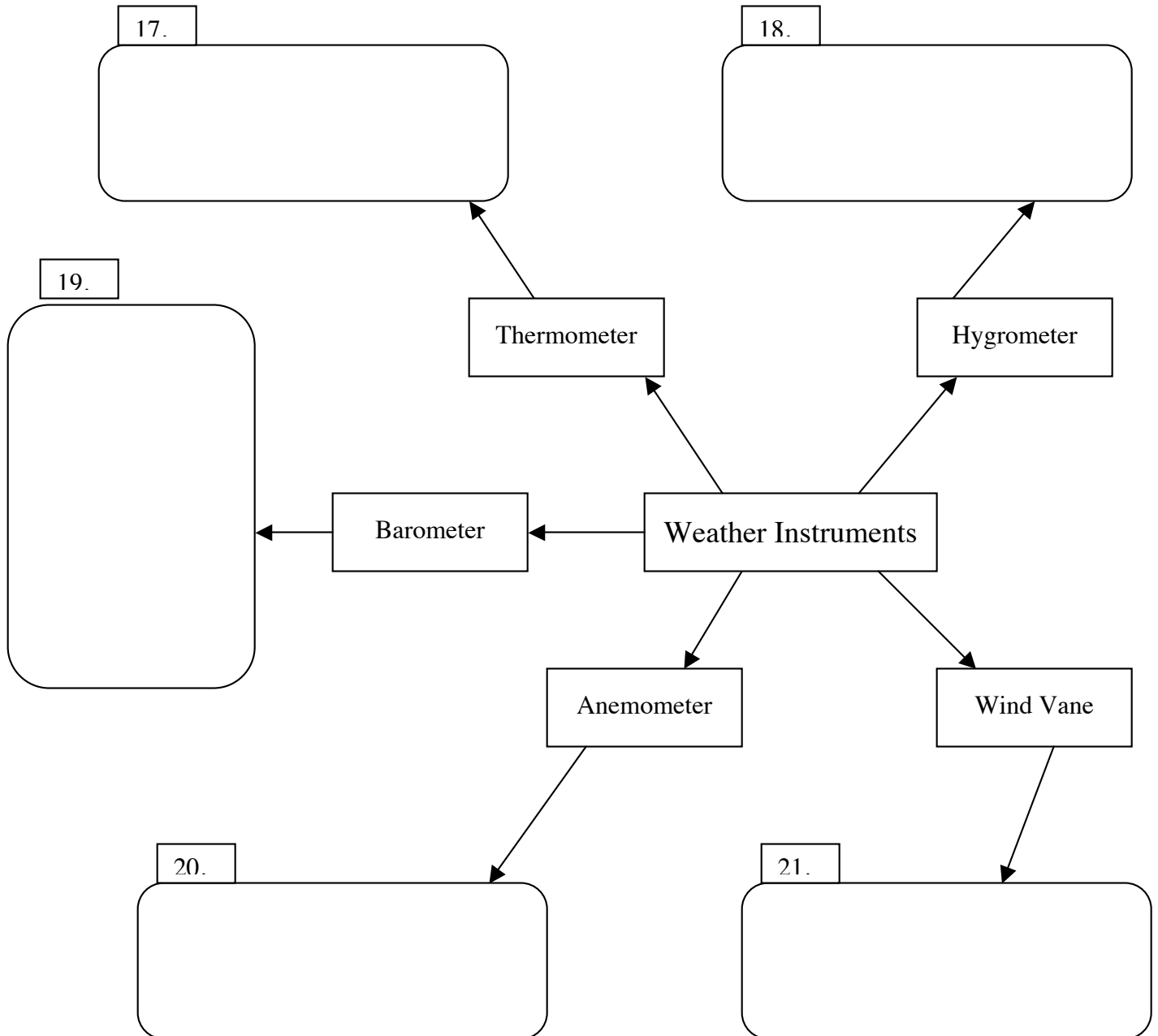
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Directions: Complete the graphic organizer to describe what each weather instrument measures and the unit used.



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Directions: Finish the drawing to show what happens to the molecules when the piston is pushed down. (**Hint:** No air molecules are removed)

22.

