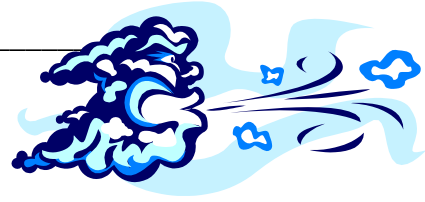


Name: _____ Date: _____

Bill Nye: Wind



Directions: for each statement, correctly **circle** whether the statement is **TRUE** or **FALSE**.

1. TRUE or FALSE: Wind is caused by the heating and cooling of Earth.
2. TRUE or FALSE: Warm air takes up less space than cold air.
3. TRUE or FALSE: When warm air rises, cool air rushes in to take its place, pushing the warm air upward.
4. TRUE or FALSE: Wind makes weather. No wind = no weather.
5. TRUE or FALSE: Cold air rises and warm air sinks.
6. TRUE or FALSE: Hail starts as liquid water and then is swept up and down in the clouds, building many solid layers before it falls to Earth.
7. TRUE or FALSE: A barometer measures pressure in the atmosphere (air pressure).
8. TRUE or FALSE: Low pressure means the air weighs less and indicates stormy weather.
9. TRUE or FALSE: A jet stream is a **low** altitude wind.
10. TRUE or FALSE: Jet streams make planes go faster when traveling East to West (New York to California).
11. TRUE or FALSE: Air rises at the equator and sinks at the poles.
12. TRUE or FALSE: The Coriolis effect makes wind move in circles, not straight lines.
13. TRUE or FALSE: Earth's rotation does **not** influence hurricanes and tornados.
14. TRUE or FALSE: Wind is always changing the landscape.
15. TRUE or FALSE: A wind farm **uses** electricity.

