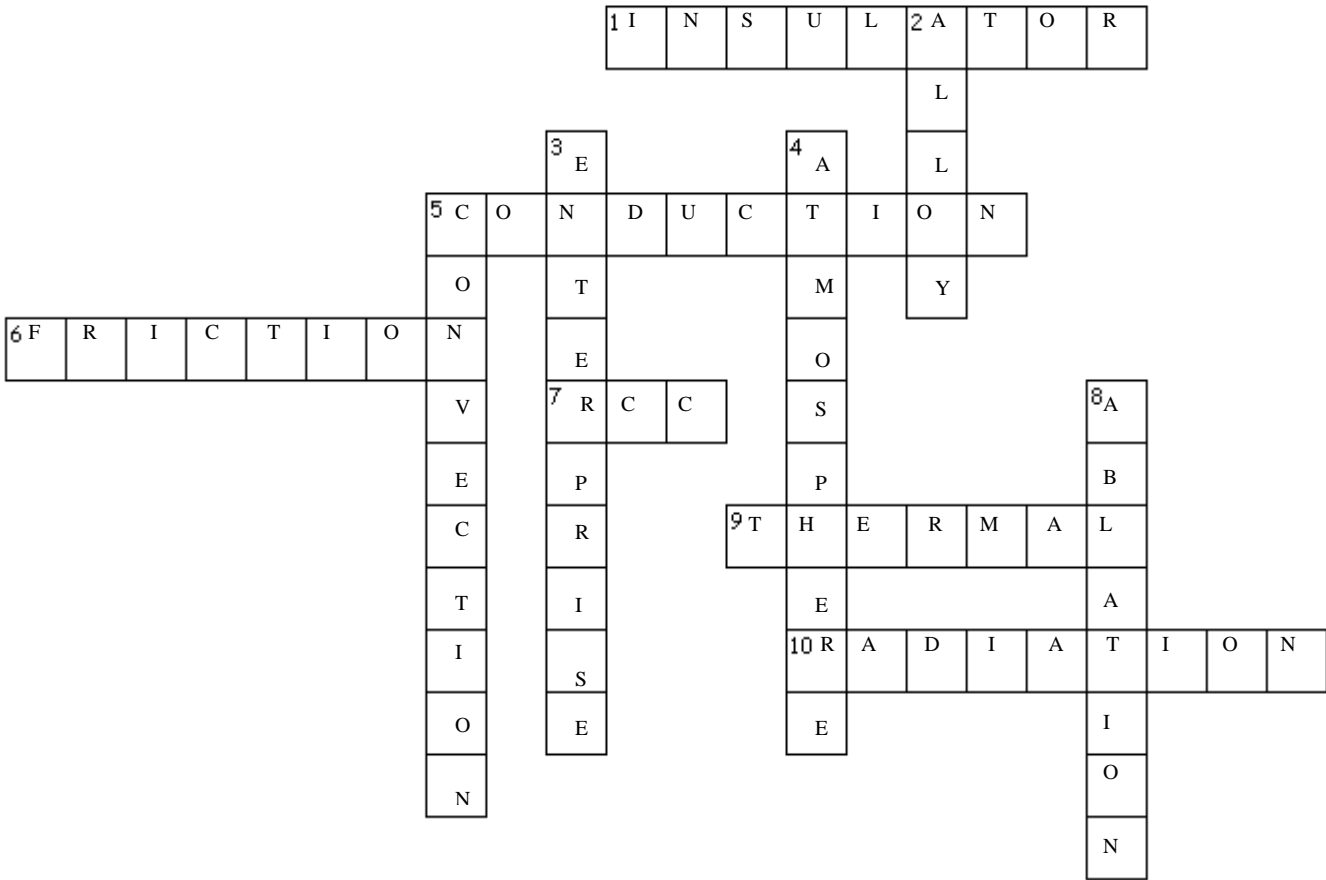


Heats Up, Shields Up



1. a material that is a poor conductor of heat
5. transfer of heat by fluids or gases
6. force that slows the motion of two surfaces that are in contact with each other
7. abbreviation used to describe the material that protects the nose cap and the leading edges of the space shuttle orbiter
9. protection system designed to shield the Space Shuttle from excessive temperatures
10. method of heat transfer by waves in space

Down

2. a combination of metals
3. name given to a reusable spacecraft housed at the Stephen F. Udvar-Hazy Center
4. the layer of gases that surrounds any planet
5. transfer of heat by currents in fluids or gases
8. type of heat shield that vaporizes with extreme heat

