

1. Burning velocity is an independent of
  - A. The flammable gas concentration
  - B. The gas temperature.
  - C. The gas Pressure.**
  - D. The Turbulence in unburned gas.
2. Young's modulus  $Y$  is the ratio of
  - A. tensile (or compressive) stress to the longitudinal strain**
  - B. shear stress to the longitudinal strain
  - C. longitudinal strain to the tensile (or compressive) stress
  - D. shear strain to the longitudinal stress
3. If a Class A fire extinguisher has a rating of 6-A, it must be able to extinguish a..... wood crib fire.
  - A. 6-cubic-inch
  - B. 6-cubic-foot**
  - C. cubic-meter
  - D. cubic-yard