



# CAD 1 Q2 Study Guide

- 1) General Engineering
  - a. CAD
  - b. Technology
  - c. Engineers
  - d. Strongest shape
- 2) Planes
  - a. First to fly plane
  - b. Solo Flight over Atlantic
  - c. Yaw, Pitch, Roll
  - d. Airfoil
  - e. Center of gravity
  - f. Forces acting on a plane
- 3) Safety (band saw + drill press)
  - a. Safety guard
  - b. Safe distance from blade
  - c. Relief cuts
  - d. What to do when drilling an object that could spin
  - e. Steps before using machines
- 4) AutoCAD
  - a. Multiview parts
  - b. Section views
    - i. Full
    - ii. Half
    - iii. Offset
    - iv. Revolved
    - v. Broken Out