

## Quiz 1

1. What is Hooke's law?
2. Which of the following materials (A, B or C) is the stiffest?
  - A. Young's Modulus = 100 MPa
  - B. Young's Modulus = 250 MPa
  - C. Young's Modulus = 0.5 MPa
3. Discuss the significance of stress-strain curves for comparing the strength of different materials. Why don't we use force-displacement curves instead?