

QUIZ on Lecture P1_Wk2_L4

1. A typical Young's modulus for a metallic element has a value of about

- a) 1000 GPa
- b) 100 GPa
- c) 10 GPa
- d) 1 GPa

2. The strains in a lateral dimension produced by a normal stress is quantified by

- a) Young's Modulus
- b) Shear Modulus
- c) Bulk Modulus
- d) Poisson ratio

3. A typical value for the Poisson's ratio appropriate for most materials is about

- a) 1.0
- b) 0.5
- c) 0.3
- d) -0.3

4. A typical Young's modulus for a very soft, compressible material might have a value of about

- a) 100 GPa
- b) 100 MPa
- c) 1 GPa
- d) 10 MPa