

# Self-assessment questions

1. What are the units of strain?
2. What is the order of magnitude of Young's modulus in brass?
3. What is the order of magnitude of yield stress in brass?
4. What is the central difference formula for numerical differentiation?
5. 1 GPa = .....Pa

# Answers to self-assessment questions

1. Strain has no units because it is defined as the ratio of change in dimensions to original dimension.
2. GPa
3. MPa
4.  $\frac{y_2 - y_1}{2h}$
5.  $10^9$