

MECHANICAL PROPERTIES

1. Choose the correct option:

- a) It is the resistance to breaking _____.
- b) It is the ability of a material to stretch into a new shape under pulling forces, and to keep the new shape when the forces stop. _____
- c) It is the ability of a material to change its shape when we apply forces to it, and to recover its original shape when the forces stop. _____
- d) It is the capacity to scratch other materials. _____
- e) It is the ability of a material to squeeze into a new shape when it is under compression forces, and to keep the new shape when the forces stop _____

2. Match each thing with the property of the material it is made of.



Malleability



Elasticity



Toughness



Ductility



Hardness