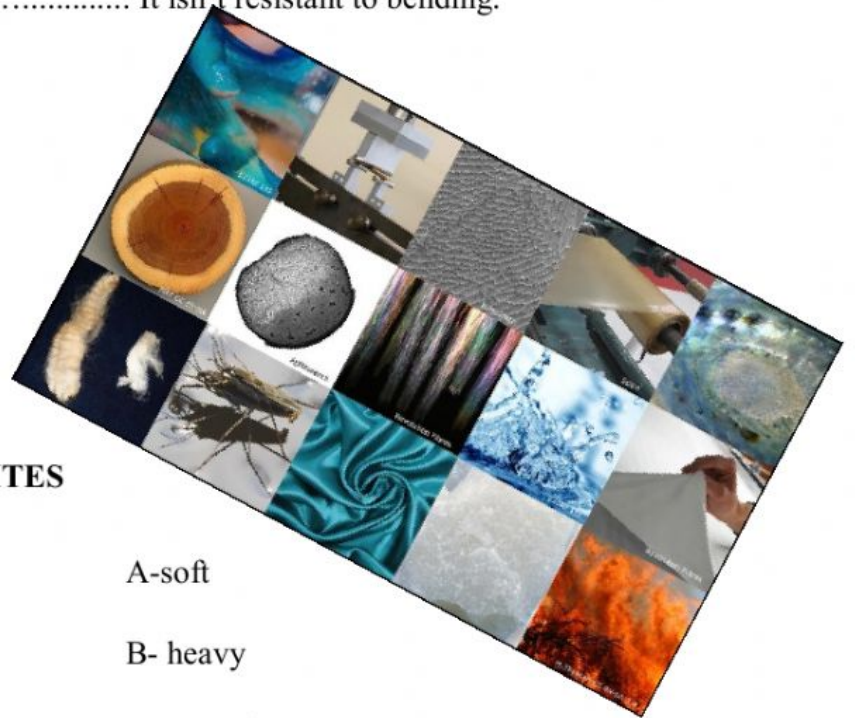


MATERIALS- PROPERTIES

ACT 1: MATCH THESE ADJECTIVES TO THEIR DEFINITIONS

HARD: It is easy to break.
TOUGH: It deforms permanently
BRITTLE: It can't be scratched or cut easily. It has a low resistance to impact. (E.G. diamonds)
ELASTIC: It can be drawn into wires or threads.
PLASTIC: After it is deformed or stretched, it returns to its original shape.
DUCTILE: It can be stretched and shaped in all directions
STIFF: It can't be broken easily when hit or shocked. It absorbs/ resists impact. (E.G. Kevlar®)
MALLEABLE: It isn't resistant to bending.



ACT 2: MATCH THE OPPOSITES

1- flexible (.....)	A-soft
2- strong (.....)	B- heavy
3- light (.....)	C- smooth
4- tough (.....)	D- stiff
5- hard (.....)	E- fragile / brittle
6- rough (.....)	F- weak