

Name _____

Metal vocabulary review

alloy
anneal
base metal
brittle
corrosion
ductile
galvanize

hardness
leaching
luster
malleable
melt
metallic bonding
metallurgy

ore
quenching
refining
smelting
strength
toughness
workable

	rock that contains a metal or useful mineral
	Cooling a hot piece of metal rapidly, in water or oil.
	extract (metal) from its ore by a process involving heating and melting.
	positively charged metallic ions are surrounded by a cloud of electrons
	A mixture of two or more metals
	breaking down metals by chemical reaction
	removing metals from a solid by dissolving them
	can be drawn into wires
	easy to shape or bend
	The ability of a material to absorb energy without breaking
	the ability to keep shape when force applied
	both malleable and ductile
	Easily broken; not flexible
	a measure of the ability of a mineral to resist scratching
	removing unwanted elements to create pure metal
	common metal (copper, tin, zinc, iron)
	to heat and then cool; to toughen
	the science of working with metals

	change from a solid to a liquid
	coat with a more reactive metal (zinc)
	shiny and reflective