

Name \_\_\_\_\_

## Metal vocabulary practice

alloy	galvanize	metallic bonding	strength
anneal	hardness	metallurgy	toughness
base metal	leaching	ore	workable
brittle	luster	quenching	
corrosion	malleable	refining	
ductile	melt	smelting	

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