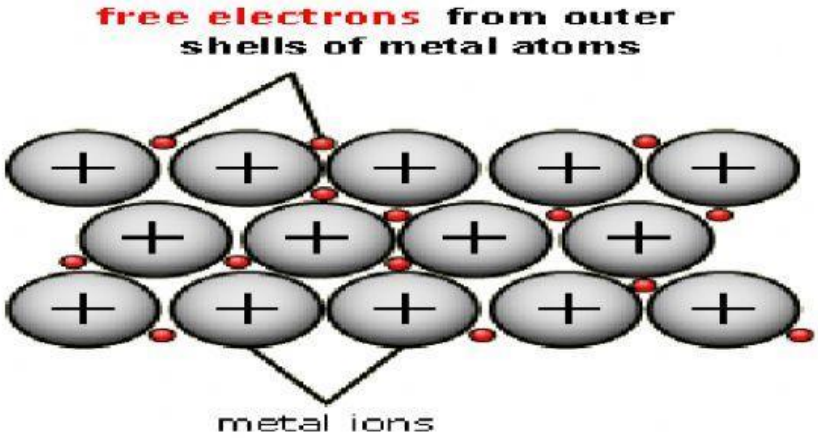
Name:..... Grade: 9 G..... Mark...../10

Metallic Bonding



Complete using the word bank

WORD BANK

Heat **Sea**

Electricity **Electrons** **Ions** vibrate

Metals are good conductors of _____ and _____. In metallic bonds, each atoms loses _____, producing positively charged _____ and a _____ of free (delocalized) electrons.

When metals conduct electricity, the electrons all begin to move in the same direction, generating a current.

When metals conduct heat the ions begin to _____ intensely.

LIVEWORKSHEETS