

PURE SUBSTANCES AND MIXTURES

Q1) Use the words below to complete the sentences (drag the words into the blanks):

MIXTURES – SINGLE SUBSTANCE – DIFFERENT MATERIALS – HETEROGENEOUS - ROCKS –
PURE SUBSTANCE – AIR – SALT WATER – HOMOGENEOUS -

Gold is a _____ because it is made up of a
_____. Most things around us are _____,
because they are made up of _____. _____ is a
mixture of gases, _____ is a mixture of water, salt and minerals and
many _____ are mixtures of different minerals. We can find two types of
mixtures: _____ mixtures and _____ mixtures.

Q2) Choose the type of matter for each material shown in the figure:



Salt - NaCl



dyed fabric



Coke



paint



Pond



distilled water



gold

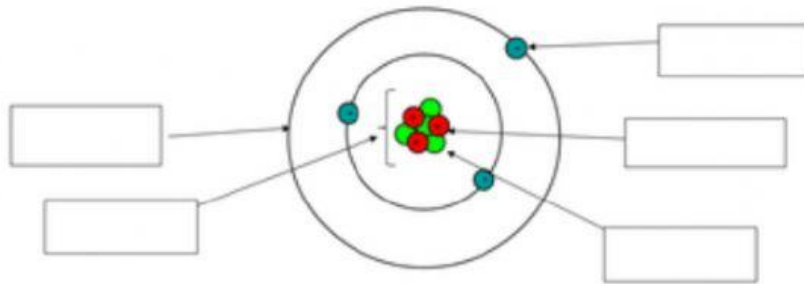


air

Atoms and Periodic Table

Q1) Study the following atom and use the word bank below to fill in the blanks:

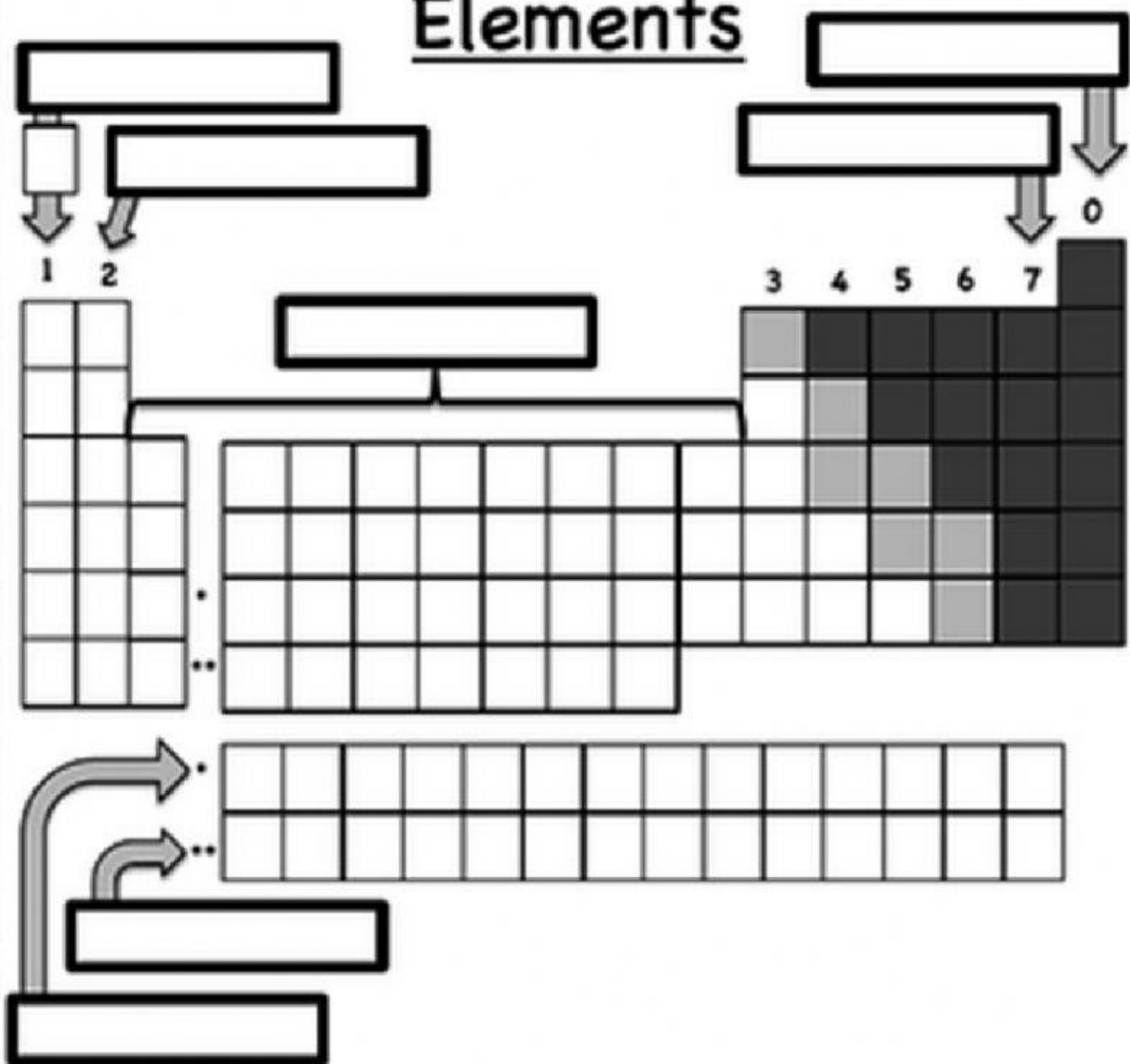
(Protons, Electrons . Neutrons. Nucleus. Shell)



Q2) Each Shell has its own Energy Level, Fill in the capacity of each shell in the table below

Atom Shell No.	Electrons Capacity
1	
2	
3	

The Periodic Table of Elements



Use the following names to label your periodic table:

- ✓ Noble Gases
- ✓ Alkali Metals
- ✓ Halogens
- ✓ Alkali Earth Metals
- ✓ Transition Metals
- ✓ Actinides
- ✓ Lanthanides

Draw lines to match up the shaded region to the correct label:



Non metals
Metals
Metalloids