



Elements, Mixtures & Compounds

Sci
E

Name _____ Class _____ Date _____

- 1 An _____ is the **smallest particle** of an **element** that has the **same properties** of that element.



- 6 Which of the following substances is a **compound**? Circle it.

O₂ **Cu** **H₂O** **He**

- 2 Which of the following has a **negative charge** and can **move** from atom to atom? Cross it out.

proton **neutron** **electron**

- 7 Which of the following is **true of substances** in a **mixture**?



- a. They are only chemically combined.
b. They are only physically combined.
c. They are both chemically and

- 3 E
a
u

a
b
c



f one



- 4 v
e
a

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

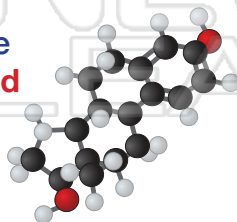


- b. name, symbol, atomic number & atomic mass
c. name, symbol & number of neutrons

Carbon
12.01

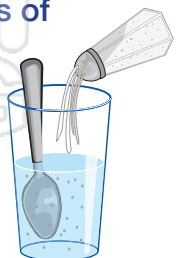
solution **colloid** **solvent**

- 5 A _____ is the **smallest unit of a compound** that is formed when **two or more atoms join** together chemically.



- 10 When you add **salt** to a glass of **water** and stir to dissolve, which is the **solvent**?

- a. the salt
b. the water





Name _____ Class _____ Date _____

1 An atom is the **smallest particle** of an **element** that has the **same properties** of that element.



6 Which of the following substances is a **compound**? Circle it.

O₂

Cu

H₂O

He

2 Which of the following has a **negative charge** and can **move** from atom to atom? Cross it out.

proton

neutron

~~electron~~

7 Which of the following is **true of substances** in a **mixture**?



- a. They are only chemically combined.
- b. They are only physically combined.**
- c. They are both chemically and

3 E
a
u

a
b
c



f one



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet



4 v
e
a

- b. name, symbol, atomic number & atomic mass
- c. name, symbol & number of neutrons

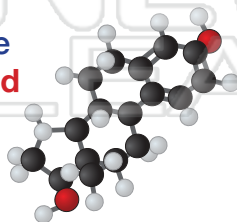
Carbon
12.01

solution

colloid

solvent

5 A molecule is the **smallest unit of a compound** that is formed when **two or more atoms** join together chemically.



10 When you add **salt** to a glass of **water** and stir to dissolve, which is the **solvent**?

- a. the salt
- b. the water**

