

Deep Run High School

CHEMISTRY I: 3(A), 5(A), 7(A)

## HW Check #2 Classifying Matter

Due Date: October 1, 2019

Instructors: Jennifer Krug, Mr. Wilson

Name: \_\_\_\_\_

Score:  / 100

**Instructions:**

You have **2 attempts** to get your highest score. You will have **15 minutes** to complete this warm up.

You may use your work from **Unit 2 HW 2 - Classifying Matter** and any class notes, while taking this assessment.

Question 1

**Which of the following is the definition of a homogeneous mixture?**

- ☐ matter composed of one type of atom
- ☐ a combination of matter that varies in appearance
- ☐ matter composed of more than one type of atom
- ☐ a combination of matter that has a uniform appearance

Question 2

**A blueberry muffin would be classified as**

- ☐ a colloid
- ☐ a mechanical mixture
- ☐ a suspension
- ☐ a solution

Name: \_\_\_\_\_

Question 3

Which of the following would be classified as a heterogeneous mixture?

☐

air

☐

magnesium

☐

soil

☐

brass

Question 4

Which of the following is an element?

☐

oxygen gas ( $O_2$ )

☐

water ( $H_2O$ )

☐

sugar ( $C_{12}H_{22}O_{11}$ )

☐

sodium chloride (NaCl)

Name: \_\_\_\_\_

Question 5

**Select ALL of the following that are classified as heterogeneous mixtures.**

☐ mechanical mixture

☐ solution

☐ colloid

☐ suspension

Question 6

**A solution is a type of**

☐ element

☐ heterogeneous mixture

☐ homogeneous mixture

☐ compound

Name: \_\_\_\_\_

Question 7

**Paint on the walls would be classified as**

- ☐ a solution
- ☐ a mechanical mixture
- ☐ a suspension
- ☐ a colloid

Question 8

**Coca cola would be classified as**

- ☐ a solution
- ☐ a mechanical mixture
- ☐ a colloid
- ☐ a suspension