

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

# Separating Mixtures Assessment

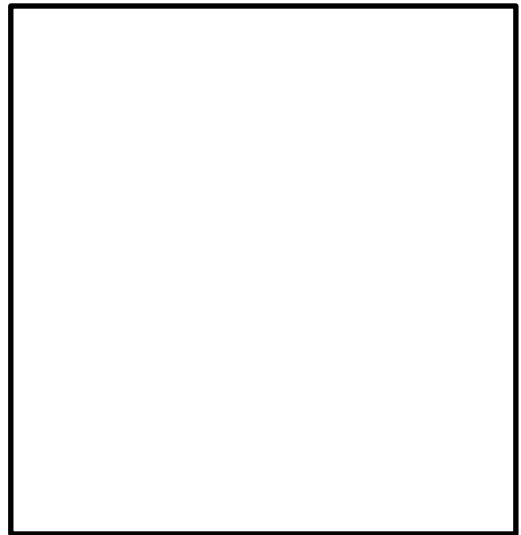
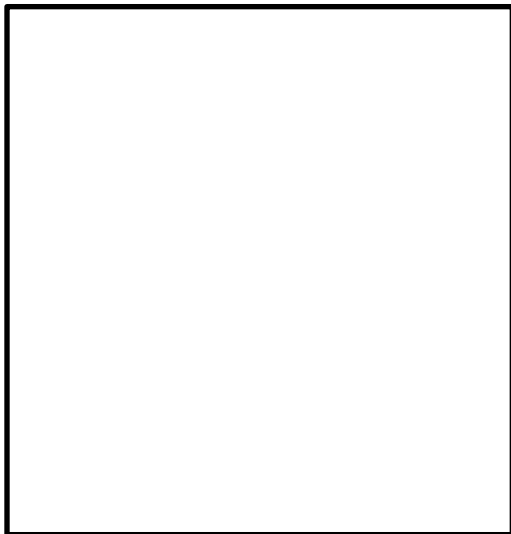
Read the following scenario:

*You've been out at your grandpa's farm jumping around in a haystack. After you get finished playing, you realize that your metal necklace has fallen off your neck while you were playing. You know the necklace is somewhere in the haystack, but you need to find an efficient way to find it.*

First, list as many properties as you can think of for each of the components in the scenario:

Component 1: \_\_\_\_\_

Component 2: \_\_\_\_\_



Next, detail your plan for separating the components:

---

---

---

---

---

---

---

---

---

---

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

# Separating Mixtures Assessment

Finally, write about a different solution for separating this mixture:

---

---

---

---

---

---

---

---

---

---

---

## Separating Mixtures Assessment

		Name: _____	
	Below Basic	Basic	Proficient
Points	1	2	3
	Your Points		
Understanding of Properties	Students included 1 or fewer properties for each component.	Student included at least 2 properties for each component.	Students included at least 3 properties for each component.
Application of Concepts	The student did not provide a solution that would work.	Students solution would produce desired results, but appropriate tools based on properties were not considered.	Students solution focused on appropriate tools based on properties to provide a solution to the problem.
Extension of Concepts	Student did not provide any viable solutions to the problem.	Student only came up with one solution to the problem.	Student was able to come up with more than one solution to the problem.
			Total Points