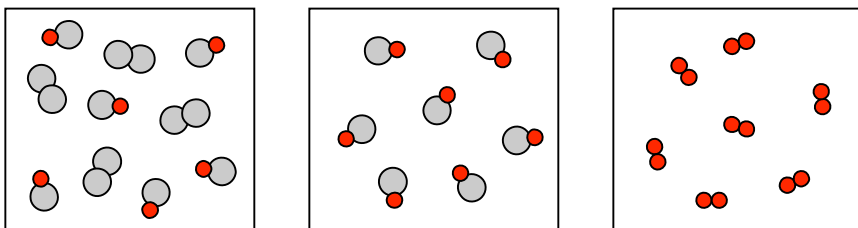


HOMEWORK: MIXTURES

Answer the following questions in your science notebook. Restate the question in your answer.

1. How does a solution compare with a suspension and a colloid?
2. Why is drinking water considered a mixture?
3. Classify the following as element, compound, or mixture, and justify your classifications: a) salt, b) stainless steel, c) tap water, d) sugar, e) vanilla extract, f) butter, g) maple syrup, h) aluminum, i) ice, j) milk, k) cherry-flavored cough drops.
4. Which of the following boxes contains an elemental material, a compound, a mixture? How many different types of molecules are shown altogether in all three boxes?



5. What is the difference between a compound and a mixture?
6. How might you separate a mixture of sand and salt? How about a mixture of iron and sand?