

S8 Mix and Flow Question Worksheet 1

1. A pure substance cannot be a
2. A mixture of solid dissolved in a liquid is called a
3. You are making a drink using drink crystals. Which statement below is correct?
4. When you mix glass marbles and water, the marbles don't dissolve and you can see both parts of the mixture. What is the best way to describe a glass marble and water mixture?
5. A girl finds that a mixture of 2 tsp of juice powder in 500 mL of water tastes too weak for her liking. What combination of juice powder in water would she probably like better?
6. What is the best explanation for why soil is considered to be a mechanical mixture?
7. A woman puts one drop of green food colouring in a bathtub full of water. What is the best description for the concentration of this solution?
8. He wants to make a dilute solution of syrup so the peaches don't taste too sweet. Which syrup recipe should he choose?
9. Rock salt is usually ground up in a salt mill before adding it to food. What is the best reason for grinding rock salt into fine pieces before adding it to food?
10. Why do oil painters clean their paint brushes with linseed oil?
11. Lemonade is a solution of water, lemon juice, and sugar. Which method would be the fastest way to make lemonade?