



PURE AND IMPURE SUBSTANCES

HOMEWORK 1

MYP Science



Name:
Class:

Practice Questions – Worksheet 2: Classification of matter

(25 points)



Classify the following matter as homogeneous mixture(Ho),heterogeneous mixture(He),element(E) or compound(C).Include the **reason** for each of your answers.

Matter	Ho ,He,E or C	Explain why? In a short sentence.
1. Chlorine(Cl ₂)		
2. Water(H ₂ O)		
3. Lucky charms		
4. Salt water		
5. Nitrogen(N ₂)		
6. Salt(NaCl)		
7. Pure Air		
8. Iron(Fe)		
9. Barium(Ba)		
10. Carbon Monoxide(CO)		
11. Soil		
12. Kool-Aid		
13. Brass(CuZn)		
14. Vegetable soup		
15. Carbon(C)		
16. Baking Soda(NaHCO ₃)		
17. Jello with fruits		
18. Gold(Ag)		
19. Milk		
20. Orange juice without pulp		
21. Orange juice with pulp		
22. Ethanol(C ₂ H ₆ O)		
23. Oxygen gas(O ₂)		
24. Mercury(Hg)		
25. Calcium Bromide		

Teaching Aid: <https://www.edumedia-sciences.com/en/media/462-the-structure-of-matter>

Live worksheet link:

<https://www.liveworksheets.com/dr1508010pn>

<https://www.liveworksheets.com/je1507993pi>