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4. a) iron pure, element b) air – homo mix c) soda pop – homo mix d) distilled water – compound

7. a) compound b) mixture c) compound

8. Mixture is a) bc more than one type of particle NOT bound together

9. b is element – only one type of atom

10. a) salt – compound b) silver – element c) seawater mixture d) hydrogen – element e) gasoline mix f) water compound

11. Blood is a mixture – composed of many different particles not chemically combined (RBC, WBC, plasma, platelets, proteins, etc. particles will settle out over time.

12. Original liquid was a mixture – not chemically combined because water came away from it. Probably dissolved solids

13. magnesium oxide is a compound – one type of particles but two elements bound together.