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Try to classify each of the following substances as an element, compound, homogeneous mixture, or heterogeneous mixture (you may want to do some research on chemical composition of each substance to help you classify; asking yourself “what is this made of and how?” also often helps 😊) :

- a. Air
- b. Blood
- c. Baking soda
- d. Garden soil
- e. Fine quality paper
- f. Mercury (liquid inside old-fashioned thermometers)
- g. Milk
- h. Carbon dioxide
- i. Chicken noodle soup
- j. Play-Doh
- k. Aluminum foil
- l. Bleach
- m. Pure oxygen (gas in airplane oxygen masks)
- n. Snow
- o. 14 K gold (material frequently used in fine jewelry)
- p. Hand sanitizer