

Exercise 1.65

Classify each of the following as a pure substance, a solution, or a heterogeneous mixture: (a) a gold ingot, (b) a cup of coffee, (c) a wood plank.

Solution

- (a) a gold ingot - pure substance (gold is an element)
- (b) a cup of coffee - a solution (also known as a homogeneous mixture)
- (c) a wood plank - a heterogeneous mixture