

7Ea Mixtures

Workbook answers page 53+54

Q1: suspension → a liquid containing small pieces of an insoluble substances that sink slowly

Colloid → a liquid containing small pieces of an insoluble substances that do not sink

Mixture → two or more substances jumbled up together

Solution → a liquid containing dissolved substances

Q2: It contains substances other than water, such as mud, human waste and other solids.

Q3; a -solution : sea water, fizzy drink

Colloid: milk, Styrofoam™, fog, paint

b- solution: coffee, tea, juice

colloid: mayonnaise, butter, jelly

suspension: sand/water mix, oil/water mix.

Q5: B- solution

Q6: From top: Mixture of sand and water, filter paper cone, filter funnel, residue, conical flask, filtrate.

Q7: a- false b- true

Q8: waste water from homes → sieved to remove large solids → settle and strained, filtered to remove smaller solids → treated with chemicals to clump finest particles.