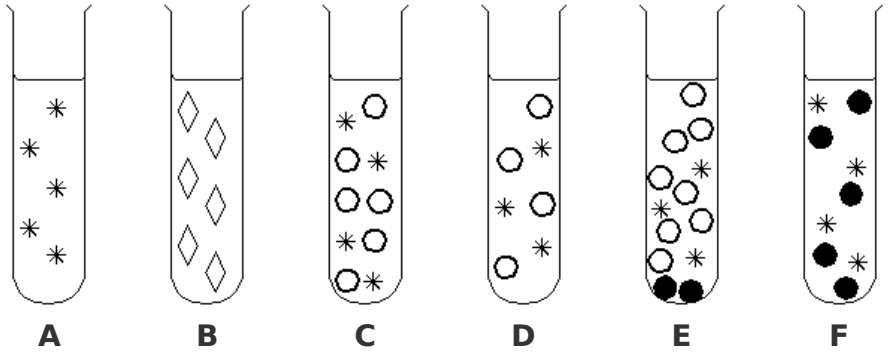
What is in the test tubes?

This task is about reading diagrams for mixtures, solutions and pure substances.



Key

✳ water particle

◊ methylated spirits particle

○ dissolved solid particle

● undissolved solid particle

a) Which test-tube(s) contain:

i) pure water? _____

ii) an undissolved solid in water? _____

iii) mixtures? _____

iv) the most dilute solution? _____

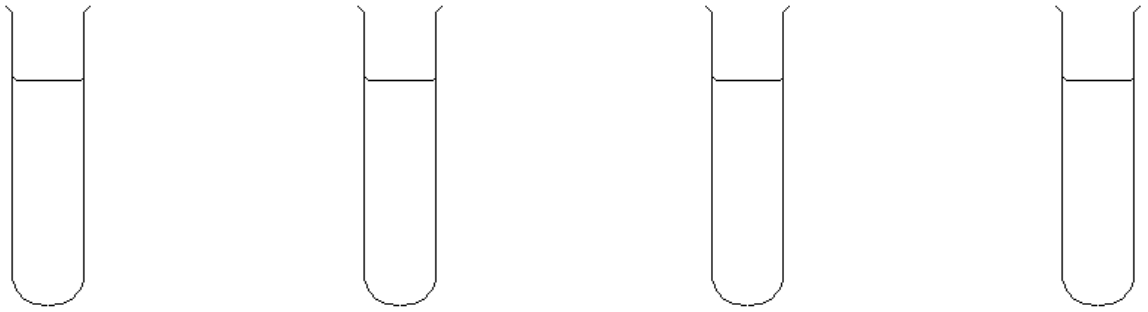
b) Filtration is filtering of solid particles from a liquid and evaporation is the change of state from a liquid to a gas.
Which test-tube(s) contents could be separated by

i) filtration? _____

ii) evaporation? _____

c) Using the same symbols as in the key above, complete these test-tube(s) to represent.

i) ii) iii) iv)



methylated spirits and water | sand and water | sand, salt and water | copper sulfate solution

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