

3. Define the terms: matter, physical change, chemical change, chemistry.

4. Classify the following changes: (1) Fresh warm milk is (a) cooled; (b) it is then shipped to the city; but, during the journey (c), it turns sour. (2) A piece of steel (a) is magnetised; (b) some of it is then filed into a fine powder which (c) is placed in a glass of water, and (d) rusts.

5. How are we to distinguish whether a certain change is physical or chemical? When the answer has been written, see whether it is possible to misunderstand it.

6. Distinguish between science and knowledge.

7. Mention two reasons for studying chemistry.

8. Are chemical changes always accompanied by physical changes? Are physical by chemical?

9. Give some examples of the value of classification in connection with the ordinary activities of life.

10. Mention three physical and two chemical changes that you noticed before arriving at school this morning.