Unit E, Chapter 2 Review Question Answers

1. Physical Property
2. Ductility
3. Reactivity
4. Buoyancy, density
5. Suspension, colloid
6. Texture
7. Chemical property
8. Combustability
9. Mixture
10. Solution
11. Stability

(Order May Vary)

12 and 13. Smell, melting point

14 and 15. Reactivity, stability

16 and 17. Evaporation, erosion

18 and 19. Oxidation, decomposition reaction

20. C, Physical Properties

21. F, marble will sink in water

22. C, substance

23. F, oxidation

24. D, solute

25. G, solution

26. The gradual erosion by the weather over the last century has been a physical change, but recently pollution in the air and rain may have caused chemical changes to the statue.

27. Yes; the result shows that the mystery substance has a lower density than the plastic. So, since the plastic is buoyant in oil, the mystery substance must also be buoyant in oil.

28. By using a graduated cylinder to measure how much water the object displaces.

29. Answers will vary

30. Liquids B and C are colloids. (Light beams are visible in both)