

Name: _____ Date: _____

MATTER & ITS INTERACTIONS

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| 1. WHAT IS THE SMALLEST PARTICLE INTO WHICH AN ELEMENT CAN BE DIVIDED AND STILL HAVE THE PROPERTIES OF THAT ELEMENT? | A. COLLOID |
| 2. WHAT IS THE FORCE OF ATTRACTION THAT HOLDS TOGETHER ATOMS IN A COMPOUND? | B. REACTANT |
| 3. WHAT IS THE ABILITY OF A SUBSTANCE TO CHANGE INTO A NEW SUBSTANCE WITH DIFFERENT PROPERTIES BY COMBINING WITH OTHER SUBSTANCES? | C. CHEMICAL BOND |
| 4. WHAT IS THE CHANGE THAT TAKES PLACE WHEN TWO OR MORE REACTANTS INTERACT TO FORM A NEW PRODUCT? | D. ATOM |
| 5. WHAT IS A MIXTURE IN WHICH SMALL CLUMPS OF MOLECULES OF ONE SUBSTANCE ARE EVENLY SPREAD THROUGHOUT ANOTHER SUBSTANCE AND DO NOT SETTLE OUT? | E. CHEMICAL PROPERTY |
| 6. WHAT IS MATTER MADE OF TWO OR MORE CHEMICALLY-BONDED ELEMENTS? | F. COMPOUND |
| 7. WHAT IS A MIXTURE IN WHICH PARTICLES OF A SOLID ARE SPREAD THROUGHOUT A LIQUID, AND THE PARTICLES ARE LARGE ENOUGH TO SETTLE DOWN TO THE BOTTOM OF A CONTAINER? | G. SOLID |
| 8. WHAT IS THE MIXTURE CALLED IN WHICH THE SOLUTE ARE DISSOLVED IN THE SOLVENT? | H. SUSPENSION |
| 9. WHAT IS MATTER THAT HAS A DEFINITE SHAPE AND VOLUME? | I. SOLUTION |
| 10. WHAT IS THE COMPOUND OR ELEMENT THAT CHANGES DURING A CHEMICAL REACTION? | J. CHEMICAL REACTION |